

Opus Transport Apartments

(Albuquerque, New Mexico)

Traffic Impact Study

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DRAFT



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Opus Transport Apartment Flightway Ave. at University Blvd, in Albuquerque, NM Traffic Impact Study Update

Executive Summary

The purpose of this Traffic Impact Study (TIS) is to evaluate the transportation conditions before and after implementation of the proposed Opus Transport Apartment Development, to determine the impact of the site development on the adjacent transportation system, and then recommend improvements where necessary. This TIS is prepared in accordance with the requirements set forth by the City of Albuquerque (COA).

Project Scope

The traffic impact study (TIS) scoping meeting was held on March 28, 2024. The attendees include Matthew Grush, P.E. (City of Albuquerque), Ronald R. Bohannan, P.E. (Tierra West LLC.), Terry Brown P.E. (Tierra West LLC.), Derek Bohannan (Tierra West LLC.), Jon Niski (Tierra West LLC.), Vinny Perea (Tierra West LLC.), and Jimeia Roberts (Tierra West LLC.). The City of Albuquerque scoping letter for the Opus Transport Apartment Development TIS is in Appendix 02.

Proposed Site Location

The proposed Opus Transport Apartment site will be located east of Transport St. north of Woodward Rd., south of Flightway Ave. and west of University Blvd. in the City of Albuquerque, New Mexico, shown on Figure 1: Opus Transport Apartments Vicinity Map.

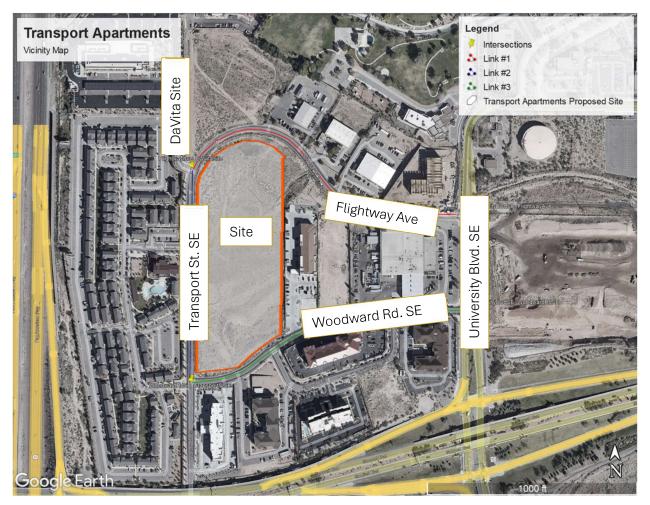


Figure 1: Opus Transport Apartments Vicinity Map

Proposed Study Area

The study area includes the four intersections and two access points for the Transport Apartments Development shown on Figure 2: Opus Transport Apartments Intersection Reference Map and listed below:

- 1. Flightway Ave. at University Blvd. (Unsignalized)
- 2. Woodward Rd. at University Blvd. (Unsignalized)
- 3. Woodward Rd. at Transport St. (Unsignalized)
- 4. DaVita Access & Transport St. (Unsignalized)
- 5. Woodward Rd. & Driveway "A" (Unsignalized Proposed Driveway)
- 6. Flightway Ave. & Driveway "B" (Unsignalized Proposed Driveway)

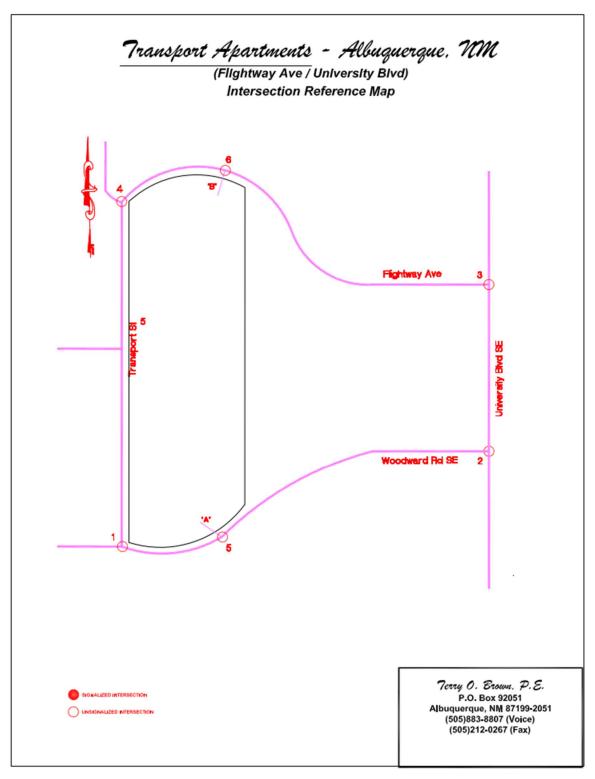


Figure 2: Opus Transport Apartments Intersection Reference Map (Tierra West LLC, 2024)

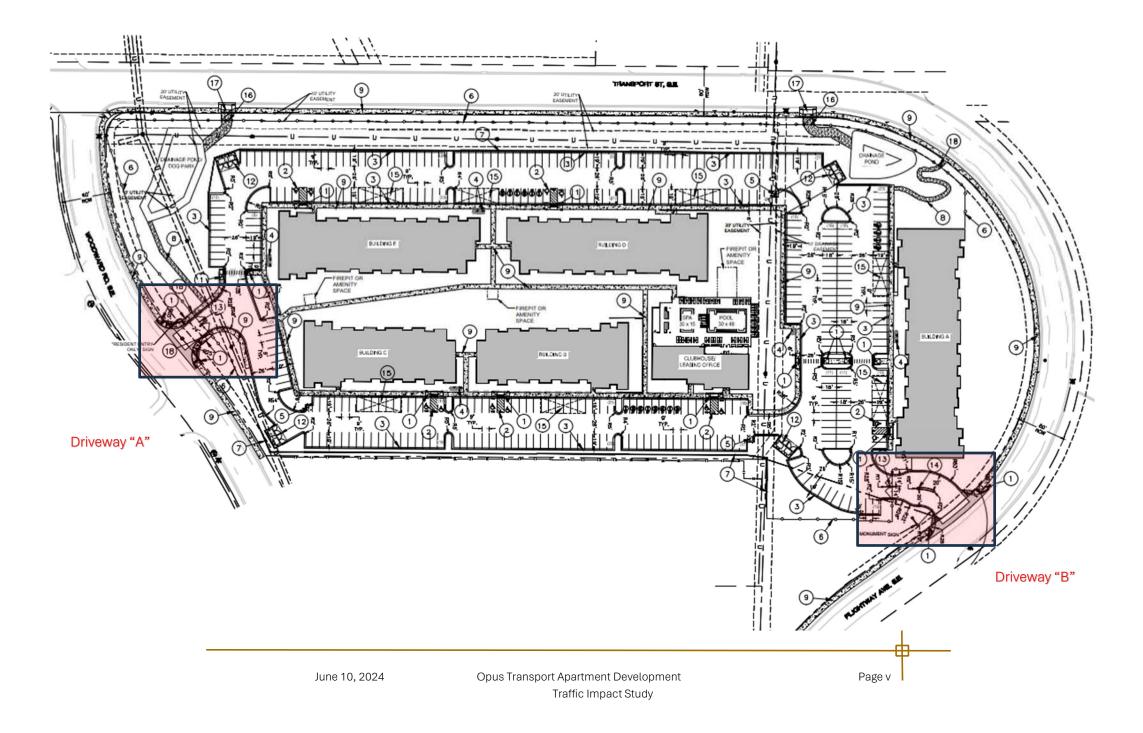
Proposed Site Description

The approximately 9.3-acre Opus Transport Apartments is proposed to be fully developed for the Implementation Year of 2025 and evaluated for the Horizon Year of 2035. The site will generate residential trips.

The proposed site is to be developed with the following facilities:

- 164-units Multifamily Housing (Mid Rise)
- 90-units Multifamily Housing (Low Rise)
- 5,140 sq-ft. Single Tenant Office Building

The proposed site plan is shown on the next page and in Appendix 03.



Traffic Impact Analysis

Trip Generation

The ITE Codes used for the proposed Opus Transport Apartments include the following: ITE Code 221 (Multifamily Housing (Mid-Rise)), ITE Code 220 (Multifamily Housing (Low-Rise)), and ITE Code 715 (Single Tenant Office Building). Table 1: Opus Transport Apartments Trip Generations Data summary is below and attached in Appendix 04.

Table 1: Opus Transport Apartments Trip Generations Data (Tierra West LLC, 2024)

Transport Apartments (2900 Transport St)

Trip Generation Data (ITE Trip Generation Manual - 11th Edition)

USE (ITE CODE)	24 HR VOL	A. M. PE	ak hr.	P. M. PE	AK HR.	
DESCRIPTION	GROSS	ENTER	EXIT	ENTER	EXIT	
Summary Sheet	Units					
Multifamily Housing (Mid-Rise)	164.00	745	14	47	39	25
Multifamily Housing (Low-Rise)	90.00	607	9	27	37	22
Single Tenant Office Building (715)	5.14	67	8	1	1	8
Subtotal		1,419	31	75	77	55

Intersection Level of Service Evaluation

Background traffic volumes were calculated by applying historical annual background traffic growth rates to the existing traffic volumes for the implementation year. Existing traffic volumes were collected while school was in session during the month of April of the year 2024. The summarized traffic volumes are attached in Appendix 05. Turn movements for 2025 implementation year and 2035 horizon year can be found in Appendix 08 and Appendix 09, respectively.

The results of the Implementation Year (2025) and Horizon Year (2035) APH and PPH NO BUILD and BUILD conditions are summarized in Table 2: Intersection LOS Analysis Summary Table (Tierra West LLC, 2024). All intersections within the study area are performing at a LOS B or above.

	Intersection Description	Intersection Operation	Case Evaluation		ar (2025) Conditions		035) Conditions
				AM Peak LOS -Delay (s)	PM Peak LOS -Delay (s)	AM Peak LOS - Delay (s)	PM Peak LOS - Delay (s)
1	Flightway Ave. / University	Unsignalized	No Build	A (1.4)	A (1.8)	A (1.4)	A (2.0)
1	Blvd.	Unsignatized	Build	A (1.9)	A (2.6)	A (2.0)	A (2.9)
2	Woodward Rd. / University	Unsignalized	No Build	A (3.1)	A (7.0)	A (3.4)	A (9.1)
2	Blvd.	Unsignatized	Build	A (4.0)	B (11.1)	A (4.5)	B (15.5)
3	Woodward Rd. / Transport	Unsignalized	No Build	A (7.1)	A (7.1)	A (7.1)	A (7.1)
3	St.	Unsignatized	Build	A (7.2)	A (7.2)	A (7.2)	A (7.2)
4	DaVita Access / Transport	Unsignalized	No Build	-	-	-	-
4	St.	Unsignatized	Build	-	-	-	-
-	Woodward Rd. / Driveway	Unsignalized	No Build		-	-	-
5	"A"	Unsignatized	Build	A (1.8)	A (1.8)	A (1.3)	A (1.2)
6	Flightway Ave. / Driveway	Unside alies d	No Build	-	-	-	-
6	"B"	Unsignalized	Build	A (2.1)	A (2.0)	A (2.0)	A (1.9)

Table 2: Intersection LOS Analysis Summary Table

The LOS at the unsignalized intersection of Woodward Rd. at University Blvd. during the 2025 PM Peak Hour period does not meet the minimum City of Albuquerque LOS E requirement. As a result, a Peak Hour Signal Warrant (Warrant 3) was performed for the intersection.

The guidelines in the Manual on Uniform Traffic Control Devices for Warrant #3 are as follows:

Section 4C.04 Warrant 3, Peak Hour

Support:

The Peak Hour signal warrant is intended for use at a location where traffic conditions are such that for a minimum of 1 hour of an average day, the minor-street traffic suffers undue delay when entering or crossing the major street.

Standard:

This signal warrant shall be applied only in unusual cases, such as office complexes, manufacturing plants, industrial complexes, or high-occupancy vehicle facilities that attract or discharge large numbers of vehicles over a short time.

The need for a traffic control signal shall be considered if an engineering study finds that the criteria in either of the following two categories are met:

- A. If all three of the following conditions exist for the same 1 hour (any four consecutive 15-minute periods) of an average day:
 - The total stopped time delay experienced by the traffic on one minor-street approach (one direction only) controlled by a STOP sign equals or exceeds: 4 vehicle-hours for a one-lane approach or 5 vehicle-hours for a two-lane approach; and
 - 2. The volume on the same minor-street approach (one direction only) equals or exceeds 100 vehicles per hour for one moving lane of traffic or 150 vehicles per hour for two moving lanes; and
 - 3. The total entering volume serviced during the hour equals or exceeds 650 vehicles per hour for intersections with three approaches or 800 vehicles per hour for intersections with four or more approaches.
- B. The plotted point representing the vehicles per hour on the major street (total of both approaches) and the corresponding vehicles per hour on the higher-volume minor-street approach (one direction only) for 1 hour (any four consecutive 15-

minute periods) of an average day falls above the applicable curve in Figure 4C-3 for the existing combination of approach lanes.

Option:

If the posted or statutory speed limit or the 85th-percentile speed on the major street exceeds 40 mph, or if the intersection lies within the built-up area of an isolated community having a population of less than 10,000, Figure 4C-4 may be used in place of Figure 4C-3 to evaluate the criteria in the second category of the Standard.

If this warrant is the only warrant met and a traffic control signal is justified by an engineering study, the traffic control signal may be operated in the flashing mode during the hours that the volume criteria of this warrant are not met.

The total stopped delay at the intersection of Woodward Rd. at University Blvd. during the implementation year (2025) PPH is 5.36 hours (see Equation 1: Warrant 3 below) considering build volume conditions. Therefore, the intersection meets criterion A.1.

The one lane eastbound approach volume at the intersection is 267 vehicles per hour during the implementation year PPH considering build volume conditions. Therefore, the second criterion (A.2) is met.

For the three approaches the total volume of traffic entering the intersection during the implementation year (2025) PPH is 1903 vehicles considering build volume conditions. Therefore, the third criterion (A.3) is met.

Equation 1: Warrant 3

 $72.3 \frac{sec}{vehicle} * 1903vehicles * \frac{1hour}{3600seconds}$ = 5.36 vehicle - hours

The Peak Hour Graph is shown on Appendix 13 which demonstrates that the peak volumes during the implementation year (2025) PPH build volume conditions do meet the volume warrant. Therefore, the intersection meets criterion B.

This study demonstrates that the Peak Hour Volume criteria for a Traffic Signal is warranted. However, a signal is not recommended at this location for the following reasons:

1) The intersection of Woodward Rd. / University Blvd. is only 430 feet north of the existing signalized ramp at Sunport Blvd. / University Blvd. Signal spacing would not be adequate if a signal were to be constructed at Woodward Rd.

2) The calculated average delay for the 2025 PPH implementation year build conditions is about 72 seconds (slightly over one minute). While, this is considered to be level-of-service "F" (more than 50 seconds of delay), it is still less delay than many intersections and driveways onto major streets in Albuquerque. The 72-second delay is expected to increase to 104 seconds of delay for the side street by the year 2035, but that does not take into account the fact that autonomous vehicles will be populating our roadways over the next ten years and, as autonomous vehicles become more and more prevalent, it will increase the capacities of the intersection over time. Thus, the projected 104 second calculated delay will likely be somewhat less.

Crash Analysis

Crash data for the study area was collected for the years 2018, 2019, 2020, 2021, and 2022. The crash data was taken from the New Mexico Department of Transportation's (NMDOT) statewide database. The crash history data was collected for the intersections surrounding the Opus Transport Apartments. Based on the low number of crashes reported over the recent five-year period (35 crashes), this report finds that there are no significant safety issues in the study area. Table 3: Opus Transport Apartments Crash Analysis Summary below summarizes the crashes by year and by crash attributes:

Table 3: Opus Transport Apartments Crash Analysis Summary (Tierra West LLC, 2024)

Crash Analysis Summary Table Transport Apartments (Flightway Ave /University Blvd)

		0	Direction			PERCENTAGE		Year				SUBTOTAL	PERCENTAGE
CRASH TYPE	E	w	N	S	UNK	DIRECTION	2018	2019	2020	2021	2022	SUBTUTAL	CRASH TYPE
BACKING UP	1	0	0	0	0	3%	0	0	1	0	2	3	9%
FIXED OBJECT	1	0	1	3	1	18%	0	2	1	2	0	5	16%
LEFT-TURN ANGLE	0	1	0	0	0	3%	1	0	0	0	0	1	3%
PARKED VEHICLE	1	0	1	3	0	15%	2	0	2	0	0	4	13%
RIGHT-TURN-ANGLED	0	0	0	1	0	3%	1	2	0	0	0	3	9%
HEAD-ON COLLISION	1	2	0	1	1	15%	2	0	0	1	0	3	9%
REAR-END	0	0	1	0	0	3%	1	0	0	0	1	2	6%
SIDESWIPE LL	1	0	0	0	0	3%	0	0	1	0	1	2	6%
SIDESWIPE RL	3	0	2	1	0	18%	0	1	1	2	2	6	19%
T-BONE	0	2	0	1	0	9%	0	0	0	0	1	1	3%
OTHER	1	0	0	1	0	6%	1	0	0	1	1	3	9%
UNKNOWN	0	0	0	0	3	9%	0	2	0	0	0	2	6%
SUBTOTAL	8	5	5	11	5	100%	8	7	5	6	6	35	100.00%

Crash Data from (IPRA) Internal Request

Based on MUTCD warrant 7 criteria the number of crashes based on type did not exceed five or more within a 12-month period. There were no fatalities and majority of the crashes resulted in property damage based on Table 4: Crash Analysis Attributes Summary Table. The summarized crash analysis tables are attached in Appendix 12.

Table 4: Crash Analysis Attributes Summary Table

Crash Analysis Summary Table Transport Apartments Crash Data from IPRA

			Year	CURTOTAL	PERCENTAGE		
CRASH TYPE	2018	2019	2020	2021	2022	SUBTOTAL	CRASH TYPE
ALCOHOL INVOLVED	0	0	1	0	1	2	3.1%
CURVE	1	1	0	0	1	3	4.6%
DARK-LIGHTING	1	1	2	0	2	6	9.2%
DARK-NOT LIGHTING	0	1	0	0	1	2	3.1%
FATALITY	0	0	0	0	0	0	0.0%
HEAVY TRUCK	1	1	0	0	0	2	3.1%
HILL CREST	1	0	0	0	1	2	3.1%
HIT-AND-RUN	1	3	3	2	2	11	16.9%
INJURY	3	0	2	1	2	8	12.3%
PROPERTY DAMAGE	5	7	4	5	6	27	41.5%
RAINING	1	0	0	0	0	1	1.5%
WORKZONE	0	0	0	0	1	1	1.5%
SUBTOTAL	14	14	12	8	17	65	100.0%

Recommendations

Based on the LOS increase generated by the volume growth estimated during the implementation and horizon years it is recommended to perform a peak-hour warrant study for the unsignalized intersections of Woodward Rd. at University Blvd. Performing a peak hour signal warrant analysis would provide indications of whether the forecast volume would meet the warrant requirements. However, it should be noted that an intersection that meets the warrant requirements do not mandate installation of a traffic signal.

The intersection of Woodward Rd. at University Blvd. meets the Warrant 3 (Peak Hour) requirements. However, due to the proximity to the signalized intersection of Sunport Blvd at University Blvd. a new signal is not recommended. Peak hour signal warrant spreadsheet is available in the Appendix 13.

Striping is recommended along the entire roadway to delineate lanes as well as on street parking. This will reduce the potential risk of crashes and create an opportunity for additional parking for surrounding commercial lodging and residential housing. All new construction associated with this project shall maintain adequate sight distances at driveways and intersections.

This project can be accessed with the two proposed driveways shown on the site plan. Both driveways can be constructed with one entering lane and one exiting lane.

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Opus Transport Apartment Flightway Ave. at University Blvd, in Albuquerque, NM Traffic Impact Study Update

Introduction

The purpose of this Traffic Impact Study (TIS) is to evaluate the transportation conditions before and after implementation of the proposed Opus Transport Apartments, to determine the impact of the development on the adjacent transportation system, and then recommend improvements where necessary. This study is prepared in accordance with the requirements of the City of Albuquerque (COA).

The proposed Opus Transport Apartment site will be located east of Transport St. north of Woodward Rd., south of Flightway Ave., and west of University Blvd. in the City of Albuquerque, New Mexico. See Figure 3: Opus Transport Apartments Vicinity Map below.

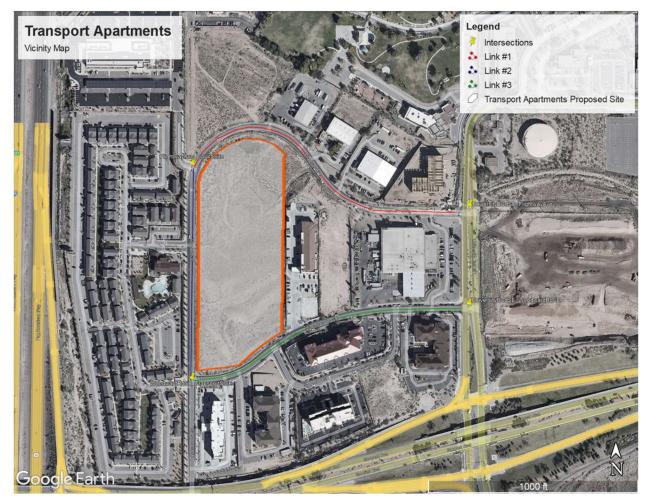


Figure 3: Opus Transport Apartments Vicinity Map

Project Scope

The traffic impact study (TIS) scoping meeting was held on March 28, 2024. The attendees include Matthew Grush, P.E. (City of Albuquerque), Ronald R. Bohannan, P.E. (Tierra West LLC.), Terry Brown P.E. (Tierra West LLC.), Derek Bohannan (Tierra West LLC.), Jon Niski (Tierra West LLC.), Vinny Perea (Tierra West LLC.), and Jimeia Roberts (Tierra West LLC.).

At the scoping meeting, it was determined that the study area for the TIS would include the four unsignalized intersections and two access points listed below and shown on Figure 4: Opus Transport Apartments. Intersection Reference Map. The City of Albuquerque scoping letter for this TIS is on Appendix 02.

- 1. Flightway Ave. at University Blvd. (Unsignalized)
- 2. Woodward Rd. at University Blvd. (Unsignalized)
- 3. Woodward Rd. at Transport St. (Unsignalized)
- 4. DaVita Access & Transport St. (Unsignalized)
- 5. Woodward Rd. & Driveway "A" (Unsignalized Proposed Driveway)
- 6. Flightway Ave. & Driveway "B" (Unsignalized Proposed Driveway)

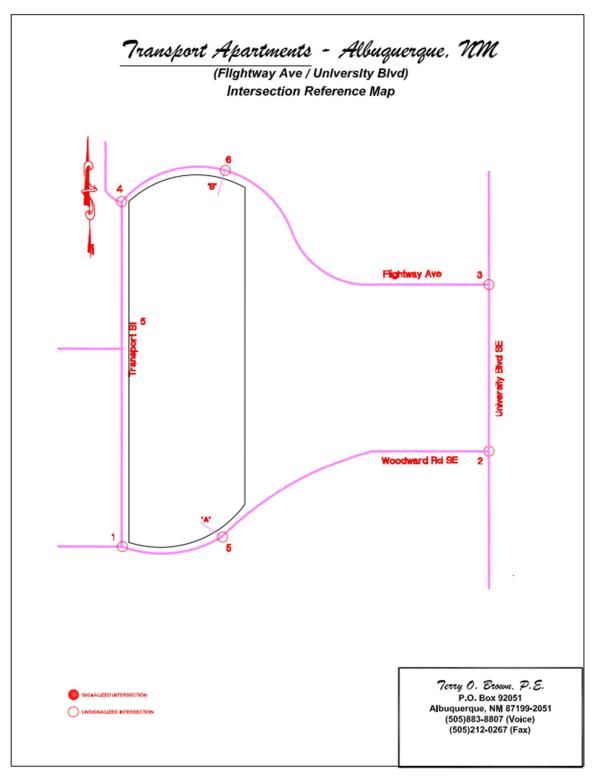


Figure 4: Opus Transport Apartments. Intersection Reference Map (Tierra West LLC, 2024)

Analysis of Existing Conditions

Existing and Planned Zoning

The proposed site location is currently zoned as a Non-Residential (NP) Business Park (BP). NR_BP zone district is to accommodate a wide range of nonresidential uses in campus-like settings to buffer potential impacts on surrounding uses and adjacent areas. The proposed site also has an Airport Protection Overlay (APO) zone 3-3, which regulates airspace protection sub area. APO requires that land use and development at or around the airport facilities comply with the regulations of the Federal Aviation Administration (FAA) that protect the public from noise, vibration, and hazard impacts of airport operations and that protect the safety of aircraft operators. Additional reflective pavement marking, nor roadway lighting is not recommended at this time pertaining to the proposed driveway access to the Opus Transport Apartments. See Figure 5: Opus Transport Apartments Zone Atlas Map below and Appendix 01.

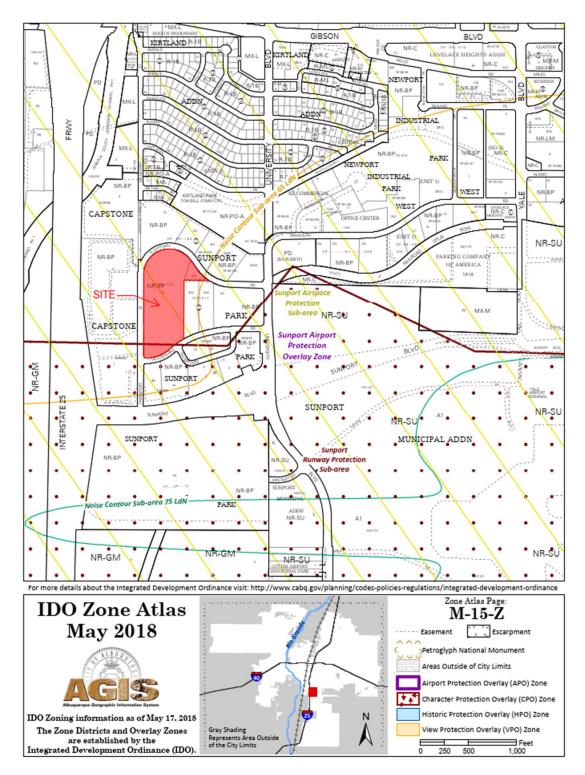


Figure 5: Opus Transport Apartments Zone Atlas Map

Existing Alternative Travel Modes

The Long Range Bikeway System indicates the University Blvd. has an existing paved trail along the west side of the roadway from Aircraft Ave. SE south and Randolph Rd. SE north. University Blvd. also has a proposed bike lane on the east side of the roadway from north of Sunport Blvd. SE to Randolph Rd. SE. There is a proposed paved trail along Flightway Ave. SE to just east of the proposed site location. A proposed bike route continues from the proposed site location along Flightway Ave. then transitions southbound along Transport St. SE. An existing paved trail is parallel to the DaVita Site Access. See Figure 6: Futures Long Range Bikeway System below and Appendix 01.



Portion of Futures 2040 Long Range Bikeway System (from Mid-Region Council of Governments)

Figure 6: Futures Long Range Bikeway System

Long Range Transit Network has a secondary transit route that runs northbound and southbound along University Blvd. SE. The route name is Rio Bravo Blvd.-Sunport KAFB (222) and route code S5. See Figure 7: ABQ Ride System Map below and Appendix 01.



For more information / Para más información: abqride.com / (505) 243-7433

Figure 7: ABQ Ride System Map

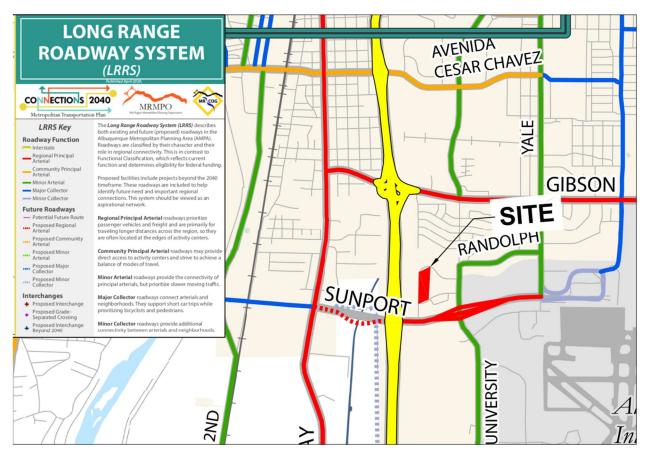
Existing Traffic Volumes

Since the Implementation Year is less than three years in the future and the annual background traffic growth rate is 0.5%, no existing analysis was performed. The Implementation Year NO BUILD analyses should closely approximate existing conditions. Existing traffic volumes (turning movement counts) were collected at the intersections targeted for analysis in this study in March 2024 and attached in Appendix 05.

Existing traffic volumes were collected during March of 2024 while school was in session. The turning movement counts for the 2025 and 2035 AM and PM Peak Hour Demand, NO BUILD, and BUILD conditions for each movement in each intersection the study area. NO BUILD volumes were generated by adjusting the existing volumes with the background traffic growth. BUILD volumes were calculated by increasing the NO BUILD volumes by the trips generated by the project. Summarized turning movement counts for 2025 volumes can be found in Appendix 08. Summarized turning movement counts for 2035 volumes can be found in Appendix 09.

Existing Roadway System

The Long-Range Roadway System (LRRS) classifies the regional role of existing and planned future 2040 arterials within the overall network. By categorizing network links into two groups regional and community, considerations for existing and planned future 2040 transportation system improvements are ensured. The arterial categories within the study area are illustrated in Figure 8: Futures 2040 Maps for Long Range Roadway Systems Map and attached in Appendix 01.



Portion of Futures 2040 Long Range Roadway System (from Mid-Region Council of Governments)

Figure 8: Futures 2040 Maps for Long Range Roadway Systems Map

University Blvd. is classified as an 'Existing Minor Arterial,' on the Figure 8: Futures 2040 Maps for Long Range Roadway Systems (MRMPO Long Range Roadway System (LRRS), 2024). University Blvd. is a two lane in each direction divided roadway. Mixed use asphalt paved pedestrian sidewalks pedestrian cross walks, and ADA pedestrian ramps, are available along University Blvd. The asphalt paved roadway has raised concrete curbs and medians, as well as gutters and sidewalks. The posted speed limit along University Blvd. within the study area is 30 MPH.

#1 - Unsignalized Intersection of Flightway Ave. at University Blvd.

Flightway Ave. is a one-lane in each direction roadway with bike lanes in both directions. Sidewalks are available on both the north and south sides of the roadway, however the sidewalk along the south side of the roadway ends just east of the proposed site location. The asphalt paved roadway has raised concrete raised curbs and medians, as well as gutters and sidewalks. The T-intersection at University Blvd. has a stop controlled eastbound movement and a crosswalk along the north leg and west leg. On the south leg of the intersection on University Blvd. there is a left turn lane with 175 ft of storage length. The speed limit on Flightway Ave. within the study area is 30 MPH. The intersection configuration is shown in Figure 9: Unsignalized Intersection Areial Flightway Ave. at University Blvd.



Figure 9: Unsignalized Intersection Areial Flightway Ave. at University Blvd.

#2 – Unsignalized Intersection of Woodward Rd. at University Blvd.

Woodward Rd. is a one-lane in each direction roadway. On-street parking is available along the roadway in both directions. Sidewalks are available on the south side of Woodward Rd. and just east of the proposed site on the north side. The asphalt paved roadway has raised concrete raised curbs and medians, as well as gutters and sidewalks. Unmarked pedestrian crossings are available with ADA pedestrian ramps. The T-intersection at University Blvd. has stop controlled eastbound movement and a left turn lane on the south leg with 175 ft of storage length. The speed limit on Woodward Rd. within the study area is 25 MPH. The intersection configuration is shown in Figure 10: Unsignalized Intersection Areial of Woodward Rd. at University Blvd.

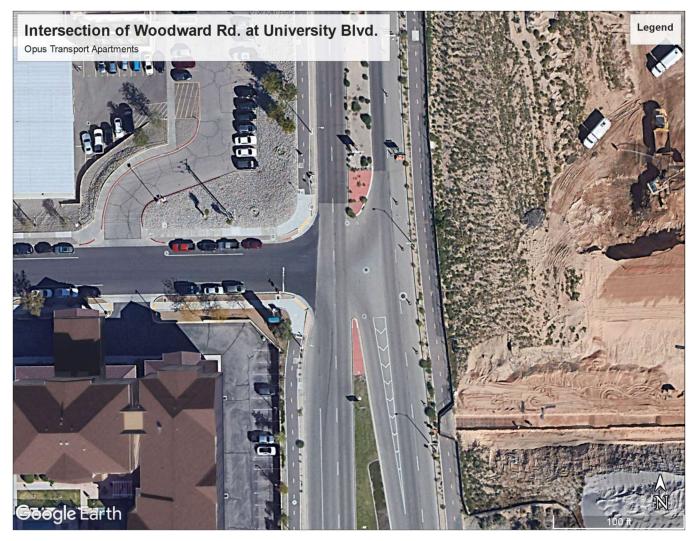


Figure 10: Unsignalized Intersection Areial of Woodward Rd. at University Blvd.

#3 - Unsignalized Intersection of Woodward Rd. at Transport St.

Transport St. is a one-lane in each direction roadway. Shared bike lanes as well as on street parking are available along the roadway in both directions. Sidewalks are available on the west side of Transport St. The asphalt paved roadway has raised concrete raised curbs and medians, as well as gutters and sidewalks. Unmarked pedestrian crossings are available with ADA pedestrian ramps along the west side of the roadway. The four-leg intersection at Woodward Rd. has stop controlled eastbound and westbound directions. The speed limit on Woodward Rd. within the study area is 25 MPH. The intersection configuration is shown in Figure 11: Unsignalized Intersection of Woodward Rd. at Transport St.



Figure 11: Unsignalized Intersection of Woodward Rd. at Transport St.

#4 - Unsignalized Intersection of DaVita Access & Transport St.

The DaVita Access is a one-lane in each direction asphalt paved roadway into a private facility. Sidewalks are available on the west side of Transport St and the east side of DaVita Access. The asphalt paved roadway has raised concrete raised curbs and medians, as well as gutters and sidewalks. Unmarked pedestrian crossings are available with ADA pedestrian ramps along the east side of the roadway. The T- intersection at Transport St. has a stop controlled eastbound movement. The speed limit on DaVita Access within the study area is 25 MPH. The intersection configuration is shown in Figure 12: Unsignalized Intersection of DaVita Access and Transport St.



Figure 12: Unsignalized Intersection of DaVita Access and Transport St. (Google, 2024)

Existing Land Use and Site Access

The land for the project is undeveloped and the study area is mostly developed with residential lots with minimal commercial land use in the area. There are three proposed access driveways (Driveway 'A', Driveway 'B', and Driveway 'C').

#5 - Unsignalized Intersection of Woodward Rd. at Driveway "A"

Driveway 'A' is a proposed right-in, right-out, and left-in only access. This is the only "full access" driveway on the southern end of the site, that will serve incoming traffic along Woodward Rd. from University Blvd.

#6 - Unsignalized Intersection of Flightway Ave. & Driveway "B"

Driveway 'B' is a proposed right-in, right-out, and left-in only access. This is the only "full access" driveway on the northern end of the site, that will serve incoming traffic along Flightway Ave. from University Blvd.

Crash Analysis

Crash data for the study area was collected for the years 2018, 2019, 2020, 2021, and 2022. The crash data was taken from the New Mexico Department of Transportation's (NMDOT) statewide database. The crash history data was collected for the intersections (3 intersections) surrounding the Opus Transport Apartments. Based on the low number of crashes reported over the recent five-year period (35 crashes), this report finds that there are no significant safety issues in the study area. Table 5: Opus Transport Apartments Crash Analysis Summary below summarizes the crashes by year and by crash attributes:

Table 5: Opus Transport Apartments Crash Analysis Summary (Tierra West LLC, 2024)

Crash Analysis Summary Table Transport Apartments (Flightway Ave /University Blvd)

Crash Data from (IPRA) Internal Request

	Direction				PERCENTAGE	Year					SUBTOTAL	PERCENTAGE	
CRASH TYPE	Е	w	Ν	s	UNK	DIRECTION	2018	2019	2020	2021	2022	SUBIUTAL	CRASH TYPE
BACKING UP	1	0	0	0	0	3%	0	0	1	0	2	3	9%
FIXED OBJECT	1	0	1	3	1	18%	0	2	1	2	0	5	16%
LEFT-TURN ANGLE	0	1	0	0	0	3%	1	0	0	0	0	1	3%
PARKED VEHICLE	1	0	1	3	0	15%	2	0	2	0	0	4	13%
RIGHT-TURN-ANGLED	0	0	0	1	0	3%	1	2	0	0	0	3	9%
HEAD-ON COLLISION	1	2	0	1	1	15%	2	0	0	1	0	3	9%
REAR-END	0	0	1	0	0	3%	1	0	0	0	1	2	6%
SIDESWIPE LL	1	0	0	0	0	3%	0	0	1	0	1	2	6%
SIDESWIPE RL	3	0	2	1	0	18%	0	1	1	2	2	6	19%
T-BONE	0	2	0	1	0	9%	0	0	0	0	1	1	3%
OTHER	1	0	0	1	0	6%	1	0	0	1	1	3	9%
UNKNOWN	0	0	0	0	3	9%	0	2	0	0	0	2	6%
SUBTOTAL	8	5	5	11	5	100%	8	7	5	6	6	35	100.00%

Based on MUTCD warrant 7 criteria the number of crashes based on type did not exceed five or more within a 12-month period. There were no fatalities and majority of the crashes resulted in property damage based on Table 6: Crash Analysis Attributes Summary Table. The summarized crash analysis tables are attached in Appendix 12.

Table 6: Crash Analysis Attributes Summary Table

Crash Analysis Summary Table Transport Apartments Crash Data from IPRA

			Year	CURTOTAL	PERCENTAGE		
CRASH TYPE	2018	2019	2020	2021	2022	SUBTOTAL	CRASH TYPE
ALCOHOL INVOLVED	0	0	1	0	1	2	3.1%
CURVE	1	1	0	0	1	3	4.6%
DARK-LIGHTING	1	1	2	0	2	6	9.2%
DARK-NOT LIGHTING	0	1	0	0	1	2	3.1%
FATALITY	0	0	0	0	0	0	0.0%
HEAVY TRUCK	1	1	0	0	0	2	3.1%
HILL CREST	1	0	0	0	1	2	3.1%
HIT-AND-RUN	1	3	3	2	2	11	16.9%
INJURY	3	0	2	1	2	8	12.3%
PROPERTY DAMAGE	5	7	4	5	6	27	41.5%
RAINING	1	0	0	0	0	1	1.5%
WORKZONE	0	0	0	0	1	1	1.5%
SUBTOTAL	14	14	12	8	17	65	100.0%

Analysis of Implementation Year and Horizon Year Conditions

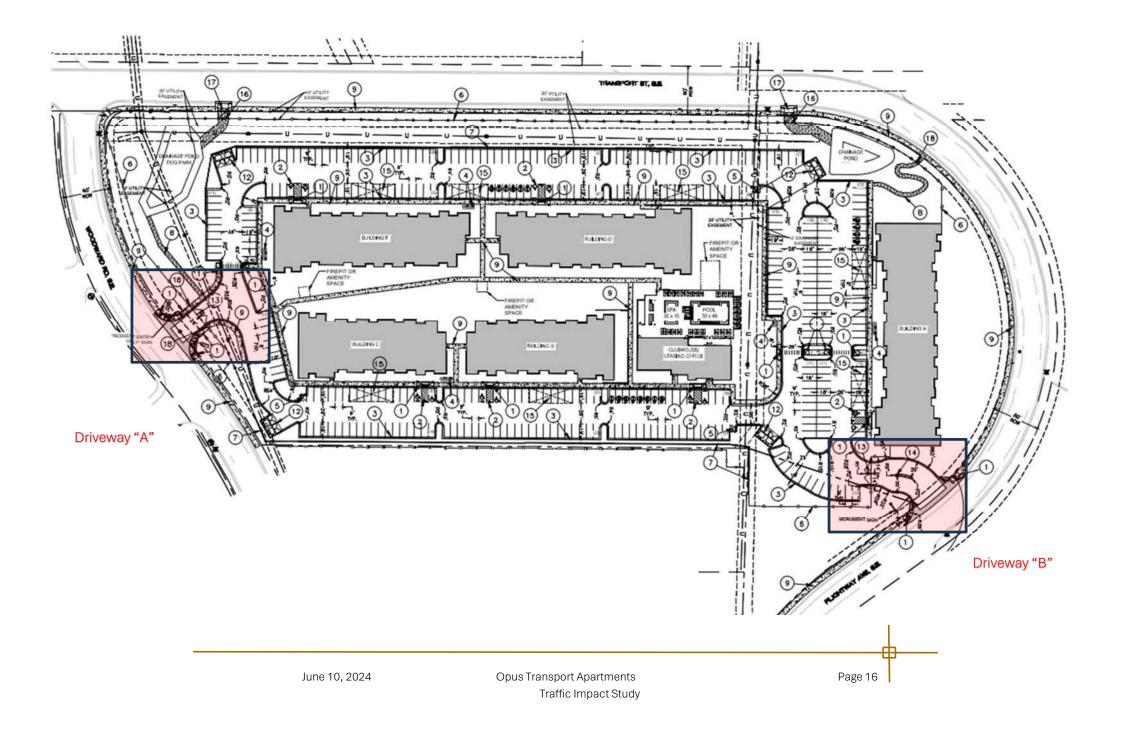
Description of Proposed Development

The approximately 9.3-acre Opus Transport Apartments site will be located east of Transport St. north of Woodward Rd., south of Flightway Ave. and west of University Blvd. in the City of Albuquerque, New Mexico

The proposed site is to be developed as follows:

- 164-units Multifamily Housing (Mid Rise)
- 90-units Multifamily Housing (Low Rise)
- 5,140 sq-ft. Single Tenant Office Building

The proposed site plan is shown on the next page and in Appendix 03.



Trip Generation

The ITE Codes used for the proposed Opus Transport Apartments include the following: ITE Code 221 (Multifamily Housing (Mid-Rise)), ITE Code 220 (Multifamily Housing (Low-Rise)), and ITE Code 715 (Single Tenant Office Building). Table 7: Opus Transport Apartments Trip Generations Data summary is below and attached in Appendix 04.

Table 7: Opus Transport Apartments Trip Generations Data (Tierra West LLC, 2024)

Transport Apartments (2900 Transport St) Trip Generation Data (ITE Trip Generation Manual - 11th Edition)

USE (ITE CODE)	24 HR VOL	A. M. PEAK HR.		P. M. PEAK HR.		
DESCRIPTION		GROSS	ENTER	EXIT	ENTER	EXIT
Summary Sheet	Units					
Multifamily Housing (Mid-Rise)	164.00	745	14	47	39	25
Multifamily Housing (Low-Rise)	90.00 5.14	607	9	27 1	37 1	22 8
Single Tenant Office Building (715)		67	8			
Subtotal		1,419	31	75	77	55

Traffic Volume Projections

The anticipated Implementation Year for this project is 2025 and the Horizon Year is 2035. MRCOG Traffic Flow Map data was used for traffic growth from 2015 to 2022 to determine the historical growth rates for the study area. The calculated growth rate at the intersections is 0.5% and is the same for both the Implementation Year and Horizon Year. See Appendix 06 for the Historic Growth Rate Graph.

Trip Distribution and Trip Assignments

The trip assignment percentages were used to distribute the trips generated to the individual traffic movements at each intersection. Trip assignments percentages for new trips entering and exiting are derived from data established in the trip distribution determination process and logical routing. Residential trips were distributed based on Mid-Region Council of Governments' Socio-economic data (2016-2040 data set).

The residential trips were distributed based on the employment distribution regionally inversely proportional to the distance of the subarea from the project. The Residential Trip Distribution Maps can be found below in Figure 13: Subarea Map, and the Table 8: Trip Distribution Table used to calculate the Residential Trip Distributions percentages can be found in Appendix 07.

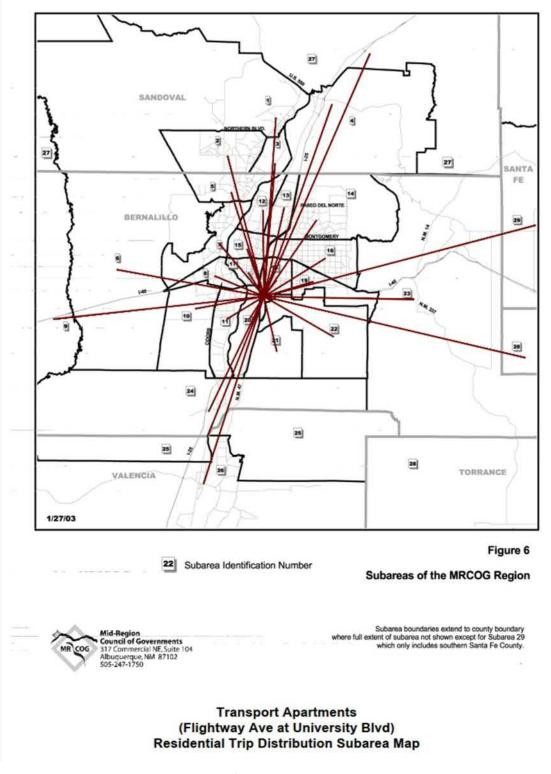


Figure 13: Subarea Map

Trip Distribution Table Project Name: Transport Apartments

Sub Area Employment Data:

For determination of Trip Distribution for Proposed Residential Development Trips

2016 and 2040 Data Taken from Mid-Region Council of Governments' 2040 Data Set Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

									UNW) University Blvd. North			Lloi	(US) versity Blvd. S	outh	(DN) DaVita North		
Sub Area I.D.#	% Sub Area in Study	2016 Employment		Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	% Employment / Distance	% Utilizing	% Employment / Dist. Utilizing		% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
		2016	2040	2025													
1	100%	8,354	11,675			16.4	585		20%	0.14%		80%	0.57%	468			<u></u>
2	100%	16,637	19,808	17,826		13.3	1,340		20%	0.32%	268	80%	1.30%	1,072			C
3	100%	1,731	1,938	1,809		12.3	147		20%	0.04%	29		0.14%	118			
4	100%	3,725		3,859		18.7	206		20%	0.05%	41	80%	0.20%	165			C
5	100%	13,625		14,272		10	1,427	1.73%	20%	0.35%	285		1.38%	1,142			C
6	100%	1,113	,	2,294	2,294	13.7	167		30%	0.06%	50	70%	0.14%	117			C
7	100%	9,234	11,922	10,242	10,242	6.3	1,626		30%	0.59%		70%	1.38%	1,138			
8	100%	9,101	12,837	10,502		4.9	2,143		50%	1.30%	1,072	50%	1.30%	1,072			C
9	100%	724	1,023	836		19.4	43		20%	0.01%	9	80%	0.04%	34			C
10	100%	3,409	5,330	4,129	4,129	6.4	645	0.78%	20%	0.16%	129	80%	0.62%	516	0%	0.00%	C
11	100%	5,699	6,882	6,143	6,143	4	1,536	1.86%	20%	0.37%			1.49%	1,229			C
12	100%	6,287	7,474	6,732	6,732	7.9	852	1.03%	20%	0.21%	170	80%	0.82%	682	0%	0.00%	C
13	100%	38,387	42,986	40,112	40,112	8.4	4,775	5.78%	20%	1.16%	955	80%	4.62%	3,820	0%	0.00%	C
14	100%	37,195	40,809	38,550	38,550	8.5	4,535	5.49%	20%	1.10%	907	80%	4.39%	3,628	0%	0.00%	C
15	100%	17,358	20,784	18,643	18,643	4.6	4,053	4.90%	20%	0.98%	811	80%	3.92%	3,242	0%	0.00%	0
16	100%	54,135	60,416	56,490	56,490	6.6	8,559	10.36%	80%	8.29%	6,847	20%	2.07%	1,712	0%	0.00%	(
17	100%	40,280	48,177	43,241	43,241	2.6	16,631	20.13%	50%	10.06%	8,316	50%	10.06%	8,316	0%	0.00%	0
18	100%	32,770	38,004	34,733	34,733	1.9	18,280	22.12%	75%	16.59%	13,710	20%	4.42%	3,656	5%	1.11%	914
19	100%	24,729	28,854	26,276	26,276	4.7	5,591	6.77%	50%	3.38%	2,795	50%	3.38%	2,795	0%	0.00%	C
20	100%	5,978	8,831	7,048	7,048	2.3	3,064	3.71%	0%	0.00%	0	100%	3.71%	3,064	0%	0.00%	0
21	100%	1,755		2,865		5.2	551	0.67%	0%	0.00%	0	100%	0.67%	551		0.00%	C
22	100%	28,349	· · · · ·	29,374		7.4	3,969		0%	0.00%	0	100%	4.80%	3,969	0%	0.00%	0
23	100%	2,923				13.8	223		0%		0		0.27%	223			C
24	100%	1,271	1,266	1,269		11.7	108		0%	0.00%	0	100%	0.13%	108	0%	0.00%	(
25	100%	112					8		0%		0		0.01%				C
26	100%	17.882		19,164	19,164	18	1.065		0%	0.00%	1		1.29%	1.065			0
27	100%	5,846		5,913		24.3	243		20%	0.06%			0.24%	195			
28	100%	4,338				24.6	189		80%	0.18%	1	20%	0.05%	38		1	0
29	100%	1,784	2,111	1,907	1,907	25.8	74		80%	0.07%			0.02%	15			
		394,731	466,547	421,662	421,662		82,639			45.46%			53.44%	44,159 53.44%		1.11%	914 1.11%

Intersection Analysis

The Highway Capacity Manual establishes a criterion for the determinations of unsignalized levels-of-service. These levels determine if an intersection will be proficient enough to accommodate the projected volumes from the new development. The average control delay is calculated for each intersection and for each lane group of each leg of the intersection. The analysis of the calculated control delay determines the level of service for each lane group. However, if the v/c ratio is 1.0 or greater, then the v/c ratio overrides the calculated delay and qualifies the lane group to be LOS "F". The control delay generally determines the level-of-service based on the following table:

LEVEL-OF-SERVICE CRITERIA FOR UNSIGNALIZED INTERSECTIONS

<u>Average Delay</u>	Level-of-Service					
<u>(secs)</u>						
≤ 10	А					
> 10 and \leq 15	В					
> 15 and \leq 25	С					
> 25 and \leq 35	D					
> 35 and ≤ 50	E					
> 50	F					

For parameter of acceptance, generally a Level-of-Service D or better is an acceptable parameter for design purposes.

In summary, the proposed Opus Transport Apartments will have minimal adverse impact on the adjacent transportation system. Level of service (LOS) at the intersections in the study area meet the City of Albuquerque's minimum acceptable Level of Service Standards for the 2025 implementation year and 2035 horizon year for all intersections in the study area.

Level of Service (LOS)

According to the City of Albuquerque Design Process Manual (DPM), LOS standards are defined by Access Category. Table 9: Design Process Manual LOS Criteria identifies the minimum acceptable LOS standards according to Functional Classification & Roadway Type and City of Albuquerque's ABC Comp Plan Type.

TABLE 7.5.88 Desired		by Loc	ation a	nd Cor	ridor 1	Гуре	
		A	BC Comp	Plan C	enter T	ype	
Functional Classification & Roadway Type	Transit Station Area	Downtown	Urban Center	Activity Center	Village Center	Employment Center	Outside Center
Premium Transit	E-F	E-F	E-F	E-F	E-F	E-F	E-F
Major Transit	E-F E-F		E	E	D-E	D-E	D-E
Multi-modal	E	Е	E	E	D-E	D-E	D-E
Commuter	E	E	D-E	D-E	D-E	D-E	D
Other Arterial	Е	E	E	D-E	D-E	D-E	D
Minor Arterial	E	E	D-E	D-E	D-E	D	D
Collector	E	D-E	D	D	C-D	C-D	C-D

Table 9: Design Process Manual LOS Criteria

University Blvd. is considered an 'Other Arterial' within a Transit Station Area, intersections along the University Blvd. corridor should have a LOS E or better. Build conditions should have a LOS=E or better or the proposed roadway should be mitigated to maintain the LOS at existing (No Build) condition levels.

The following Lanes / Volumes Analysis Tables demonstrate the impacts to the adjacent roadway system. The Lanes / Volumes Analysis Tables quantify the APH and PPH No Build and Build volumes along with the associated v/c ratios, LOS, calculated delays, and 95th percentile queue lengths. The Lanes / Volume Analysis Tables report the performance of proposed driveway access and existing intersections. The tables are attached in Appendix 10 and Appendix 11 for implementation year 2025 and horizon year 2035, repsectively.

#1 - Unsignalized Intersection of Flightway Ave. at University Blvd.

The results of the 2025 Implementation Year for the APH and PPH analysis of the unsignalized intersection of Flightway Ave. at University Blvd. are summarized in Table 10: 2025 Implementation Year Flightway Ave. at University Blvd. AM Peak LVAM Summary, as well as attached in Appendix 10. The results of the 2035 Horizon Year for the APH and PPH analysis of the unsignalized intersection of Flightway Ave. at University Blvd. are summarized in Table 11: 2035 Horizon Year Flightway Ave. at University Blvd. are summarized in Table 11: 2035 Horizon Year Flightway Ave. at University Blvd. are summarized in Table 11: 2035 Horizon Year Flightway Ave. at University Blvd. LVAM Summary, as well as attached in Appendix 11.

1: Flightway Ave./University Blvd

2025_Conditions

Flightway Ave.

University Blvd.

Signalized

Flightway Ave. / University Blvd.	EB (F	lightway	Ave.)	NB (U	niversity	Blvd.)	SB (U	niversity	Blvd.)	
2025_Conditions	L	Т	R	L	Т	R	L	Т	R	
Existing Lane Geometry	1>	0	0	<1	2	0	0	2>	0	
AM Peak Hour										
2025_NO BUILD Volumes	50		35	76	857			476	40	
V/C Ratio	0.23			0.08						
Level-of-Service	С			Α						
Control Delay (Seconds)	16.7		0.0	9.0	0.0			0.0	0.0	
Intersection LOS					TWSC					
95th Percentile Queue (veh)	0.9		0.0	0.3	0.0			0.2	0.0	
2025_BUILD Volumes	73		50	80	868			481	49	
V/C Ratio	0.34			0.09						
Level-of-Service	С			А						
Control Delay (Seconds)	19.0		0.0	9.1	0.0			0.0	0.0	
Intersection LOS	TWSC									
95th Percentile Queue (veh)	1.5		0.0	0.3	0.0			0.0	0.0	

PM Peak Hour

2025_NO BUILD Volumes	62	48	42	625		857	74
V/C Ratio	0.38		0.08				
Level-of-Service	С		В				
Control Delay (Seconds)	23.6	0.0	11.4	0.0		0.0	0.0
Intersection LOS				TWSC			-
95th Percentile Queue (veh)	1.7	0.0	0.2	0.0		0.0	0.0
2025_BUILD Volumes	79	59	53	636		869	97
V/C Ratio	0.51		0.10				
Level-of-Service	D		В				
Control Delay (Seconds)	29.1	0.0	11.7	0.0		0.0	0.0
Intersection LOS				TWSC			-
95th Percentile Queue (veh)	2.7	0.0	0.3	0.0		0.0	0.0

1: Flightway Ave./University Blvd

2035_Conditions

Flightway Ave.

University Blvd.

Signalized

Flightway Ave. / University Blvd.	EB (F	niversity	versity Blvd.)								
2035_Conditions	L	Т	R	L	Т	R	L	Т	R		
Existing Lane Geometry	1>	0	0	<1	2	0	0	2>	0		
AM Peak Hour											
2035_NO BUILD Volumes	53		37	80	900			500	42		
V/C Ratio	0.26			0.09							
Level-of-Service	С			Α							
Control Delay (Seconds)	17.6		0.0	9.2	0.0			0.0	0.0		
Intersection LOS					TWSC						
95th Percentile Queue (veh)	1.0		0.0	0.3	0.0			0.0	0.0		
2035_BUILD Volumes	76		52	84	911			505	51		
V/C Ratio	0.37			0.10							
Level-of-Service	С			А							
Control Delay (Seconds)	20.3		0.0	9.2	0.0			0.0	0.0		
Intersection LOS	TWSC										
95th Percentile Queue (veh)	1.7		0.0	0.3	0.0			0.0	0.0		

PM Peak Hour

2035_NO BUILD Volumes	65	51	42	659		900	78
V/C Ratio	0.43		0.08				
Level-of-Service	D		В				
Control Delay (Seconds)	26.0	0.0	11.7	0.0		0.0	0.0
Intersection LOS				TWSC			-
95th Percentile Queue (veh)	2.0	0.0	0.3	0.0		0.0	0.0
2035_BUILD Volumes	82	62	53	667		912	101
V/C Ratio	0.56		0.10				
Level-of-Service	D		В				
Control Delay (Seconds)	33.1	0.0	12.3	0.0		0.0	0.0
Intersection LOS				TWSC			
95th Percentile Queue (veh)	3.2	0.0	0.3	0.0		0.0	0.0

Both the implementation year and the horizon year analysis in the above tables show that the unsignalized intersection of Flightway Ave. at University Blvd. is operating at an acceptable LOS during the APH. The operation at the unsignalized intersection exceeds the acceptable LOS of E for the horizon year PPH no build conditions. The new trips generated by the Opus Transport Apartments do not significantly impact the overall operation of this unsignalized intersection.

#2 - Unsignalized Intersection of Woodward Rd. at University Blvd.

The results of the 2025 Implementation Year for the APH and PPH analysis of the unsignalized intersection of Woodward Rd. at University Blvd. are summarized in Table 12: 2025 Implementation Year Woodward Rd. at University Blvd. LVAM Summary, as well as attached in Appendix 10. The results of the 2035 Horizon Year for the APH and PPH analysis of the unsignalized intersection of Woodward Rd. at University Blvd are summarized in Table 13: 2035 Horizon Year Woodward Rd. at University Blvd. LVAM Summary, as well as attached in Appendix 14. LVAM Summary, as well as attached in Appendix 15.

2: Woodward Rd./University Blvd.

2025_Conditions

Woodward Rd.

University Blvd.

Signalized

Woodward Rd. / University Blvd.	EB (W	loodwar	d Rd.)	NB (U	niversity	Blvd.)	SB (U	niversity	Blvd.)	
2025_Conditions	L	Т	R	L	Т	R	L	Т	R	
Existing Lane Geometry	1>	0	0	1	2	0	0	2>	0	
AM Peak Hour										
2025_NO BUILD Volumes	55		187	107	877			480	32	
V/C Ratio	0.50			0.12						
Level-of-Service	С			Α						
Control Delay (Seconds)	18.5		0.0	9.0				0.0	0.0	
Intersection LOS					TWSC					
95th Percentile Queue (veh)	2.8		0.0	0.4	0.0			0.0	0.0	
2025_BUILD Volumes	66		213	119	881			495	37	
V/C Ratio	0.60			0.13						
Level-of-Service	С			Α						
Control Delay (Seconds)	22.4		0.0	9.2				0.0	0.0	
Intersection LOS	TWSC									
95th Percentile Queue (veh)	3.9		0.0	0.4	0.0			0.0	0.0	

PM Peak Hour

2025_NO BUILD Volumes	76	164	174	590		840	69
V/C Ratio	0.78		0.30				
Level-of-Service	Е		В				
Control Delay (Seconds)	45.9	0.0	13.1			0.0	0.0
Intersection LOS				TWSC			
95th Percentile Queue (veh)	6.4	0.0	1.2	0.0		0.0	0.0
2025_BUILD Volumes	84	183	205	601		851	81
V/C Ratio	0.93		0.37				
Level-of-Service	F		В				
Control Delay (Seconds)	72.3	0.0	14.3			0.0	0.0
Intersection LOS				TWSC			
95th Percentile Queue (veh)	9.1	0.0	1.7	0.0		0.0	0.0

2: Woodward Rd./University Blvd.

2035_Conditions

Woodward Rd.

University Blvd.

Signalized

Woodward Rd. / University Blvd.	EB (W	loodwar	d Rd.)	Blvd.)	Blvd.) SB (University Blvd.)					
2035_Conditions	L	Т	R	L	Т	R	L	Т	R	
Existing Lane Geometry	1>	0	0	1	2	0	0	2>	0	
AM Peak Hour										
2035_NO BUILD Volumes	58		196	112	921			504	34	
V/C Ratio	0.55			0.12						
Level-of-Service	С			Α						
Control Delay (Seconds)	20.3		0.0	9.2				0.0	0.0	
Intersection LOS					TWSC					
95th Percentile Queue (veh)	3.2		0.0	0.4	0.0			0.0	0.0	
2035_BUILD Volumes	69		222	124	925			519	39	
V/C Ratio	0.65			0.14						
Level-of-Service	D			Α						
Control Delay (Seconds)	25.3		0.0	9.3				0.0	0.0	
Intersection LOS	TWSC									
95th Percentile Queue (veh)	4.6		0.0	0.5	0.0			0.0	0.0	

PM Peak Hour

	80	172	183	619		882	73
V/C Ratio	0.88		0.33				
Level-of-Service	F		В				
Control Delay (Seconds)	62.7	0.0	13.9			0.0	0.0
Intersection LOS				TWSC			
95th Percentile Queue (veh)	8.1	0.0	1.4	0.0		0.0	0.0
	88	191	214	630		898	85
V/C Ratio	1.04		0.42				
Level-of-Service	F		С				
Control Delay (Seconds)	104.2	0.0	16.1			0.0	0.0
Intersection LOS				TWSC			
95th Percentile Queue (veh)	11.5	0.0	2.1	0.0		0.0	0.0

Both the implementation year and the horizon year analysis in the above tables show that the unsignalized intersection of Woodward Rd. at University Blvd. is operating at an acceptable LOS during the APH for both implementation and horizon years. The operation at the unsignalized intersection exceeds the acceptable LOS of E for the horizon year no build conditions. The new trips generated by

the Opus Transport Apartments significantly impact the eastbound left-turn movement of this unsignalized intersection during the PPH for the implementation year.

#3 – Unsignalized Intersection of Woodward Rd. at Transport St.

The results of the 2025 Implementation Year for the APH and PPH analysis of the signalized intersection of Woodward Rd. at Transport St. are summarized in Table 14: 2025 Implementation Year Woodward Rd. at Transport St. LVAM Summary, as well as attached in Appendix 10. The results of the 2035 Horizon Year for the APH and PPH analysis of the signalized intersection of Woodward Rd. at Transport St. are summarized in Table 15: 2035 Horizon Year Woodward Rd. at Transport St. LVAM Summary, as well as attached in Appendix 11.

Table 14: 2025 Implementation Year Woodward Rd. at Transport St. LVAM Summary

	Sync	hro F	Resul	ts Su	mma	ry Sh	eet					
3: Woodward Rd./Transport St. 2025_Conditions												
Woodward Rd.												
Transport St. Signalized												
Woodward Rd. / Transport St.	EB (V	loodwar	d Rd.)	WB (V	Voodwa	rd Rd.)	NB (Transpo	rt St.)	SB (Transpo	rt St.)
2025 Conditions	L	Т	Ŕ	Ľ	Т	R	Ľ	Τ	R	L	Τ	R
Existing Lane Geometry	0	<1>	0	0	<1>	0	0	<1>	0	0	<1>	0
AM Peak Hour												
2025_NO BUILD Volumes	0	0	0	1	0	52	0	1	12	71	0	0
V/C Ratio	0.00			0.05			0.00			0.05		
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
Intersection LOS						ТМ	isc					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2025 BUILD Volumes	0	0	0	1	0	57	0	1	12	75	0	0
V/C Ratio	0.00			0.06						0.05		
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS		•	•			ТМ	ISC	•				
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
PM Peak Hour			•	•					-			
2025 NO BUILD Volumes	0	0	0	4	0	51	0	1	11	82	4	0
V/C Ratio	0.00			0.06			0.00			0.06		-
		1	ł		1	1		1	-			I

June 10, 2024

Level-of-Service

Control Delay (Seconds)

Intersection LOS

95th Percentile Queue (veh)

2025_BUILD Volumes

V/C Ratio

Level-of-Service

Control Delay (Seconds)

Intersection LOS

95th Percentile Queue (veh)

А

0.0

0.0

0

0.00

А

0.0

0.0

0.0

0.0

0

0.0

0.0

0.0

0.0

0

0.0

0.0

А

8.6

0.2

4

0.06

А

8.7

0.2

0.0

0.0

0

0.0

0.0

0.0

0.0

57

0.0

А

0.0

0.0

0

0.00

А

0.0

TWSC

TWSC

0.0 0.0

0.0

0.0

1

0.0

0.0

0.0

0.0

11

0.0

0.0

А

7.4

0.2

87

0.06

А

7.4

0.2

А

0.0

0.0

4

А

0.0

0.0

0.0

0.0

0

0.0

0.0

3: Woodward Rd./Transport St.

2035_Conditions

Woodward Rd.

Transport St.

Signalized

Woodward Rd. / Transport St.	EB (W	EB (Woodward Rd.) WB (Woodward Rd.) NB (Transport St.) SB (Transport St.)										
2035_Conditions	L	Т	R	L	Т	R	L	Т	R	L	Т	R
Existing Lane Geometry	0	<1>	0	0	<1>	0	0	<1>	0	0	<1>	0
AM Peak Hour												
2035_NO BUILD Volumes	0	0	0	1	0	55	0	1	13	75	0	0
V/C Ratio	0.00			0.06			0.00			0.05	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	ISC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2035_BUILD Volumes	0	0	0	1	0	60	0	1	13	79	0	0
V/C Ratio	0.00			0.06						0.05	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS	TWSC											
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

PM Peak Hour												
	0	0	0	4	0	54	0	1	12	87	4	0
V/C Ratio	0.00			0.06			0.00			0.06	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	ISC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	0	0	0	4	0	60	0	1	12	92	4	0
V/C Ratio	0.00			0.07			0.00			0.06	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						TW	ISC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

Both the implementation year and the horizon year analysis in the above tables show the unsignalized intersection of Woodward Rd. at Transport St. is operating at an acceptable level of service for all conditions evaluated in this study. The new trips generated for the Opus Transport Apartments present no significant adverse impact to this unsignalized intersection.

#4 - Unsignalized Intersection of DaVita Access & Transport St.

The results of the 2025 Implementation Year and Horizon Year for the unsignalized intersection of DaVita Access could not be analyzed based on HCM TWSC criteria since the intersection stop control is in one direction.

#5 - Unsignalized Intersection of Woodward Rd. at Driveway "A"

The results of the 2025 Implementation Year for the APH and PPH analysis of the unsignalized intersection of Woodward Rd. at Driveway "A" are summarized in Table 16: 2025 Implementation Year Woodward Rd. at Driveway "A" LVAM Summary, as well as attached in Appendix 10. The results of the 2035 Horizon Year for the APH and PPH analysis of the unsignalized intersection of Woodward Rd. at Driveway "A" are summarized in Table 17: 2035 Horizon Year Woodward Rd. at Driveway "A" LVAM Summary, as well as attached in Appendix 10. The results of the 2035 Horizon Year for the APH and PPH analysis of the unsignalized intersection of Woodward Rd. at Driveway "A" are summarized in Table 17: 2035 Horizon Year Woodward Rd. at Driveway "A" LVAM Summary, as well as attached in Appendix 11.

Table 16: 2025 Implementation Year Woodward Rd. at Driveway "A" LVAM Summary

Synchro Results Summary Sheet

5: Driveway "A" & Woodward Rd. 2025_Conditions Woodward Rd. Driveway "A" Unsignalized										
Woodward Rd. / Driveway "A"	EB (W	loodwar	d Rd.)	WB (V	Voodwar	d Rd.)	SB (Driveway	"A")	
2025_Conditions	L	Т	R	L	Т	R	L	Т	R	
Proposed Lane Geometry	0	<1	0	0	1>	0	1>	0	0	
AM Peak Hour										
2025_BUILD Volumes	1	86	0	0	55	16	34	0	3	
V/C Ratio	0.00						0.05			
Level-of-Service	Α	Α					Α			
Control Delay (Seconds)	7.3	0.0			0.0		9.5		0.0	
Intersection LOS	TWSC									
95th Percentile Queue (veh)	0.0	0.0			0.0		0.2		0.0	

PM Peak Hour

2025_BUILD Volumes	3	95	0	0	59	39	25	0	2
V/C Ratio	0.00						0.04		
Level-of-Service	Α	Α					А		
Control Delay (Seconds)	7.4	0.0			0.0		9.6		0.0
Intersection LOS	TWSC								
95th Percentile Queue (veh)	0.0	0.0			0.0		0.1		0.0

5: Driveway "A" & Woodward Rd.

2035_Conditions

Woodward Rd.

Driveway "A"

Unsignalized

Woodward Rd. / Driveway "A"	EB (Woodward Rd.)		WB (Woodward Rd.)			SB (Driveway "A")			
2035_Conditions	L	Т	R	L	Т	R	L	Т	R
Proposed Lane Geometry	0	<1	0	0	1>	0	1>	0	0
AM Peak Hour									
2035_NO BUILD Volumes	1	91	0	0	58	16	34	0	3
V/C Ratio	0.00						0.05		
Level-of-Service	Α	Α					А		
Control Delay (Seconds)	7.4	0.0			0.0		9.5		0.0
Intersection LOS	TWSC								
95th Percentile Queue (veh)	0.0	0.0			0.0		0.2		0.0

PM Peak Hour

2035_BUILD Volumes	3	100	0	0	62	39	25	0	2
V/C Ratio	0.00						0.04		
Level-of-Service	Α	Α					А		
Control Delay (Seconds)	7.4	0.0			0.0		9.7		0.0
Intersection LOS	TWSC								
95th Percentile Queue (veh)	0.0	0.0			0.0		0.1		0.0

Both the implementation year and the horizon year analysis in the above tables show the proposed driveway on Woodward Rd. at Driveway "A" is operating at an acceptable level of service for all conditions evaluated in this study. The new trips generated by Opus Transport Apartments present no significant adverse impact to this proposed driveway.

#6 - Unsignalized Intersection of Flightway Ave. & Driveway "B"

The results of the 2025 Implementation Year for the APH and PPH analysis of the unsignalized intersection of Flightway Ave. at Driveway "B" are summarized in Table 18: 2025 Implementation Year Flightway Ave. at Driveway "B" LVAM Summary , as well as attached in Appendix 10. The results of the 2035 Horizon Year for the APH and PPH analysis of the unsignalized intersection of Flightway Ave. at Driveway "B" are summarized in Table 19: 2035 Horizon Year Flightway Ave. at Driveway "B" are summarized in Table 19: 2035 Horizon Year Flightway Ave. at Driveway "B" LVAM Summary, as well as attached in Appendix 11.

6:Driveway "B" & Flightway Ave.

2025_Conditions

Flightway Ave

Driveway "B"

Unsignalized

Flightway Ave / Driveway "B"	EB (F	EB (Flightway Ave)			Flightway	NB (Driveway "B")			
2025_Conditions	L	Т	R	L	Т	R	L	Т	R
Proposed Lane Geometry	0	1>	0	0	<1	0	1>	0	0
AM Peak Hour									
2025_BUILD Volumes		66	2	12	86		3		35
V/C Ratio				0.01			0.04		
Level-of-Service				А	Α		Α		
Control Delay (Seconds)		0.0	0.0	7.4	0.0		8.9		0.0
Intersection LOS	TWSC								
95th Percentile Queue (veh)		0.0	0.0	0.0	0.0		0.1		0.0

PM Peak Hour

2025_BUILD Volumes	81	4	31	97		2		26
V/C Ratio			0.02			0.03		
Level-of-Service			А	Α		Α		
Control Delay (Seconds)	0.0	0.0	7.4	0.0		8.9		0.0
Intersection LOS	TWSC							
95th Percentile Queue (veh)	0.0	0.0	0.1	0.0		0.1		0.0

6: Flightway Ave. & Driveway "B"

2035_Conditions

Flightway Ave

Driveway "B"

Unsignalized

Flightway Ave / Driveway "B"	EB (F	lightwa	/ Ave)	WB (Flightway	NB (Driveway "B")			
2035_Conditions	L	Т	R	L	Т	R	L	Т	R
Proposed Lane Geometry	0	1>	0	0	<1	0	1>	0	0
AM Peak Hour									
2035_NO BUILD Volumes		69	2	12	91		3		35
V/C Ratio				0.01			0.04		
Level-of-Service				Α	Α		Α		
Control Delay (Seconds)		0.0	0.0	7.4	0.0		8.9		0.0
Intersection LOS	TWSC								
95th Percentile Queue (veh)		0.0	0.0	0.0	0.0		0.1		0.0

PM Peak Hour

2035_BUILD Volumes	85	4	31	102		2		26
V/C Ratio			0.02			0.03		
Level-of-Service			А	Α		А		
Control Delay (Seconds)	0.0	0.0	7.4	0.0		8.9		0.0
Intersection LOS	TWSC							
95th Percentile Queue (veh)	0.0	0.0	0.1	0.0		0.1		0.0

Both the implementation year and the horizon year analysis in the above tables show the proposed driveway on Flightway Ave. at Driveway "B" is operating at an acceptable level of service for all conditions evaluated in this study. The new trips generated for the Opus Transport Apartments present no significant adverse impact to this proposed driveway.

Intersection Analysis Summary

The results of the Implementation Year (2025) and Horizon Year (2035) APH and PPH NO BUILD and BUILD conditions are summarized in Table 20: Intersection LOS Analysis Summary Table. All intersections within the study area are performing at a LOS B or above.

	Intersection Description Intersection Operation		Case Evaluation	Implementation Yea	ar (2025) Conditions	Horizon Year (2035) Conditions		
				AM Peak LOS -Delay (s)	PM Peak LOS -Delay (s)	AM Peak LOS - Delay (s)	PM Peak LOS -Delay (s)	
	Flightway Ave. / University		No Build	A (1.4)	A (1.8)	A (1.4)	A (2.0)	
1	Blvd.	Unsignalized	Build	A (1.9)	A (2.6)	A (2.0)	A (2.9)	
2	Woodward Rd. / University	I la si da si ins d	No Build	A (3.1)	A (7.0)	A (3.4)	A (9.1)	
2	Blvd.	Unsignalized	Build	A (4.0)	B (11.1)	A (4.5)	B (15.5)	
3	Woodward Rd. / Transport	Unsignalized	No Build	A (7.1)	A (7.1)	A (7.1)	A (7.1)	
3	St.	Unsignatized	Build	A (7.2)	A (7.2)	A (7.2)	A (7.2)	
4	DaVita Access / Transport	Unsignalized	No Build	-	-	-	-	
4	St.	Unsignatized	Build	-	-	-	-	
5	Woodward Rd. / Driveway	Unsignalized	No Build		-	-	-	
5	"A"	Unsignatized	Build	A (5.6)	A (3.4)	A (5.6)	A (3.4)	
6	Flightway Ave. / Driveway	Unsignalized	No Build	-	-	-	-	
0	"B"	Unsignalized	Build	A (7.3)	A (6.8)	A (7.3)	A (6.8)	

The LOS at the unsignalized intersection of Woodward Rd. at University Blvd. during the 2025 PM Peak Hour period does not meet the minimum City of Albuquerque LOS E requirement. As a result, a Peak Hour Signal Warrant (Warrant 3) was performed for the intersection.

The guidelines in the Manual on Uniform Traffic Control Devices for Warrant #3 are as follows:

Section 4C.04 Warrant 3, Peak Hour

Support:

The Peak Hour signal warrant is intended for use at a location where traffic conditions are such that for a minimum of 1 hour of an average day, the minor-street traffic suffers undue delay when entering or crossing the major street.

Standard:

This signal warrant shall be applied only in unusual cases, such as office complexes, manufacturing plants, industrial complexes, or high-occupancy vehicle facilities that attract or discharge large numbers of vehicles over a short time.

The need for a traffic control signal shall be considered if an engineering study finds that the criteria in either of the following two categories are met:

- A. If all three of the following conditions exist for the same 1 hour (any four consecutive 15-minute periods) of an average day:
 - The total stopped time delay experienced by the traffic on one minor-street approach (one direction only) controlled by a STOP sign equals or exceeds: 4 vehicle-hours for a one-lane approach or 5 vehicle-hours for a two-lane approach; and

- 2. The volume on the same minor-street approach (one direction only) equals or exceeds 100 vehicles per hour for one moving lane of traffic or 150 vehicles per hour for two moving lanes; and
- 3. The total entering volume serviced during the hour equals or exceeds 650 vehicles per hour for intersections with three approaches or 800 vehicles per hour for intersections with four or more approaches.
- B. The plotted point representing the vehicles per hour on the major street (total of both approaches) and the corresponding vehicles per hour on the higher-volume minor-street approach (one direction only) for 1 hour (any four consecutive 15minute periods) of an average day falls above the applicable curve in Figure 4C-3 for the existing combination of approach lanes.

Option:

If the posted or statutory speed limit or the 85th-percentile speed on the major street exceeds 40 mph, or if the intersection lies within the built-up area of an isolated community having a population of less than 10,000, Figure 4C-4 may be used in place of Figure 4C-3 to evaluate the criteria in the second category of the Standard.

If this warrant is the only warrant met and a traffic control signal is justified by an engineering study, the traffic control signal may be operated in the flashing mode during the hours that the volume criteria of this warrant are not met.

The total stopped delay at the intersection of Woodward Rd. at University Blvd. during the implementation year (2025) PPH is 5.36 hours (see Equation 2: Warrant 3 below) considering build volume conditions. Therefore, the intersection meets criterion A.1.

The one lane eastbound approach volume at the intersection is 267 vehicles per hour during the implementation year PPH considering build volume conditions. Therefore, the second criterion (A.2) is met.

For the three approaches the total volume of traffic entering the intersection during the implementation year (2025) PPH is 1903 vehicles considering build volume conditions. Therefore, the third criterion (A.3) is met.

Equation 2: Warrant 3

 $72.3 \frac{sec}{vehicle} * 1903 vehicles * \frac{1hour}{3600 seconds}$

= 5.36 vehicle - hours

The Peak Hour Graph is shown on Appendix 13 which demonstrates that the peak volumes during the implementation year (2025) PPH build volume conditions do meet the volume warrant. Therefore, the intersection meets criterion B.

This study demonstrates that the Peak Hour Volume criteria for a Traffic Signal is warranted. However, a signal is not recommended at this location for the following reasons:

1) The intersection of Woodward Rd. / University Blvd. is only 430 feet north of the existing signalized ramp at Sunport Blvd. / University Blvd. Signal spacing would not be adequate if a signal were to be constructed at Woodward Rd.

2) The calculated average delay for the 2025 PPH implementation year build conditions is about 72 seconds (slightly over one minute). While, this is considered to be level-of-service "F" (more than 50 seconds of delay), it is still less delay than many intersections and driveways onto major streets in Albuquerque. The 72-second delay is expected to increase to 104 seconds of delay for the side street by the year 2035, but that does not take into account the fact that autonomous vehicles will be populating our roadways over the next ten years and, as autonomous vehicles become more and more prevalent, it will increase the capacities of the intersection over time. Thus, the projected 104 second calculated delay will likely be somewhat less.

Recommendations

Based on the LOS increase generated by the volume growth estimated during the implementation and horizon years it is recommended to perform a peak-hour warrant study for the unsignalized intersections of Woodward Rd. at University Blvd. Performing a peak hour signal warrant analysis would provide indications of whether the forecast volume would meet the warrant requirements. However, it should be noted that an intersection that meets the warrant requirements does not mandate installation of a traffic signal.

The intersection of Woodward Rd. at University Blvd. meets the Warrant 3 (Peak Hour) requirements. However, due to the proximity to the signalized intersection of Sunport Blvd at University Blvd. a new signal is not recommended. Peak hour signal warrant spreadsheet is available in the Appendix 13.

Striping is recommended along the entire roadway to delineate lanes as well as on street parking. This will reduce the potential risk of crashes and create an opportunity for additional parking

for surrounding commercial lodging and residential housing. All new construction associated with this project shall maintain adequate sight distances at driveways and intersections.

This project can be accessed with the two proposed driveways shown on the site plan. Both driveways can be constructed with one entering lane and one exiting lane.

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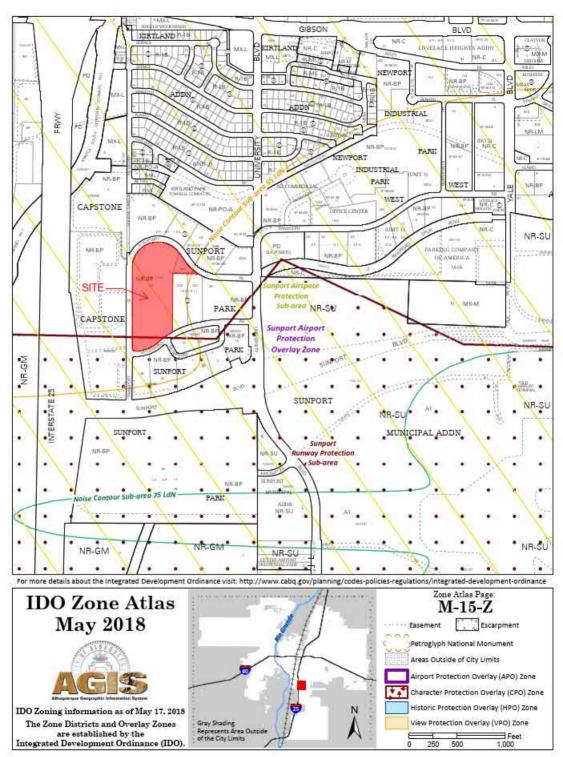
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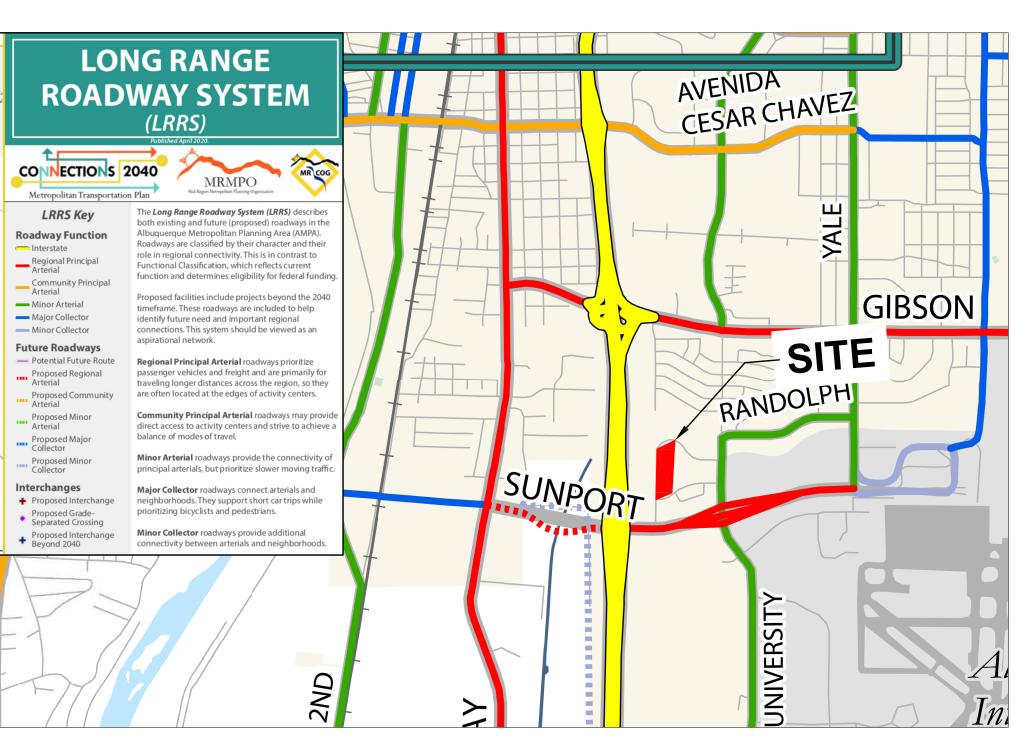
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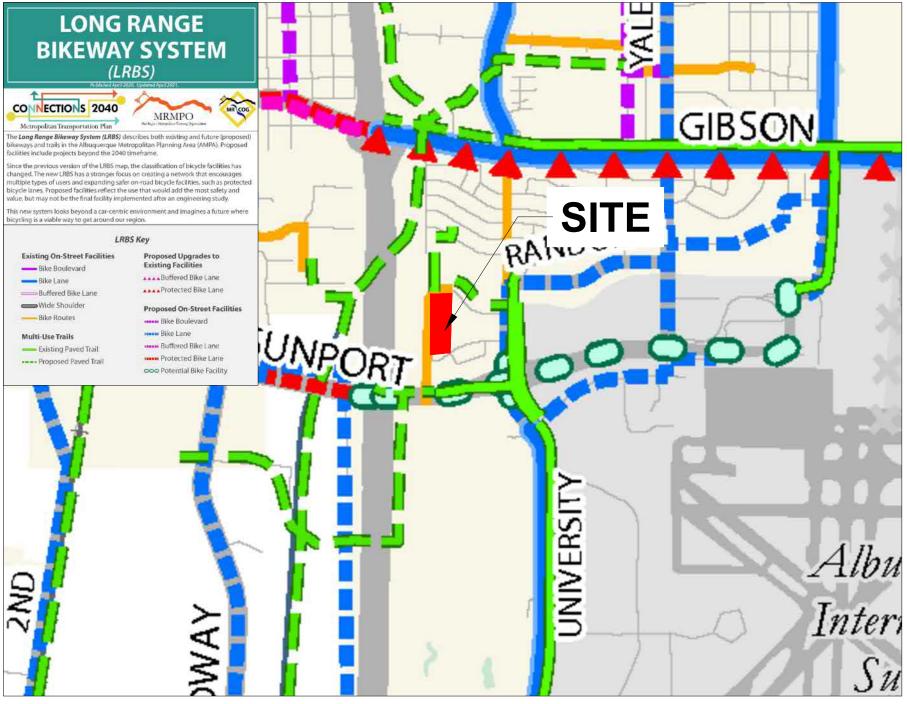
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Woodward Rd. at University Blvd. (Unsignalized)	A-09.67 thru 09.68
Woodward Rd. at Transport St. (Unsignalized)	A-09.69 thru 09.70
DaVita Access & Transport St. (Unsignalized)	A-09.71 thru 09.72
Woodward Rd. & Driveway "A" (Unsignalized Proposed Driveway)	A-09.73 thru 09.74
Flightway Ave. & Driveway "B" (Unsignalized Proposed Driveway)	A-09.75 thru 09.76
2025 Intersection Analysis	A-10
Flightway Ave. at University Blvd. (Unsignalized)	A-10.77-10.80
Woodward Rd. at University Blvd. (Unsignalized)	A-10.81-10.84
Woodward Rd. at Transport St. (Unsignalized)	A-10.85-10.88
Woodward Rd. & Driveway "A" (Unsignalized Proposed Driveway)	A-10.89 thru 10.90
Flightway Ave. & Driveway "B" (Unsignalized Proposed Driveway)	A-10.91 thru 10.92
2025 Conditions - LVAM Excel Tables	A-10.93 thru 10.98
2035 Intersection Analysis	A-11
Flightway Ave. at University Blvd. (Unsignalized)	A-11.99 thru 11.102
Woodward Rd. at University Blvd. (Unsignalized)	A-11.103 thru 11.106
Woodward Rd. at Transport St. (Unsignalized)	A-11.107 thru 11.110
Woodward Rd. & Driveway "A" (Unsignalized Proposed Driveway)	A-11.111 thru 11.112
Flightway Ave. & Driveway "B" (Unsignalized Proposed Driveway)	A-11.113 thru 11.114
2035 Conditions - LVAM Maps Excel Tables	A-11.115 thru 11.120
Crash Analysis 2018-2022	A-12
Crash Analysis Summary and Worksheets	A-12.121 thru 12.135
Peak Hour Analysis	A-13
Crash Analysis Summary and Worksheets	A-13.136

Appendix 01

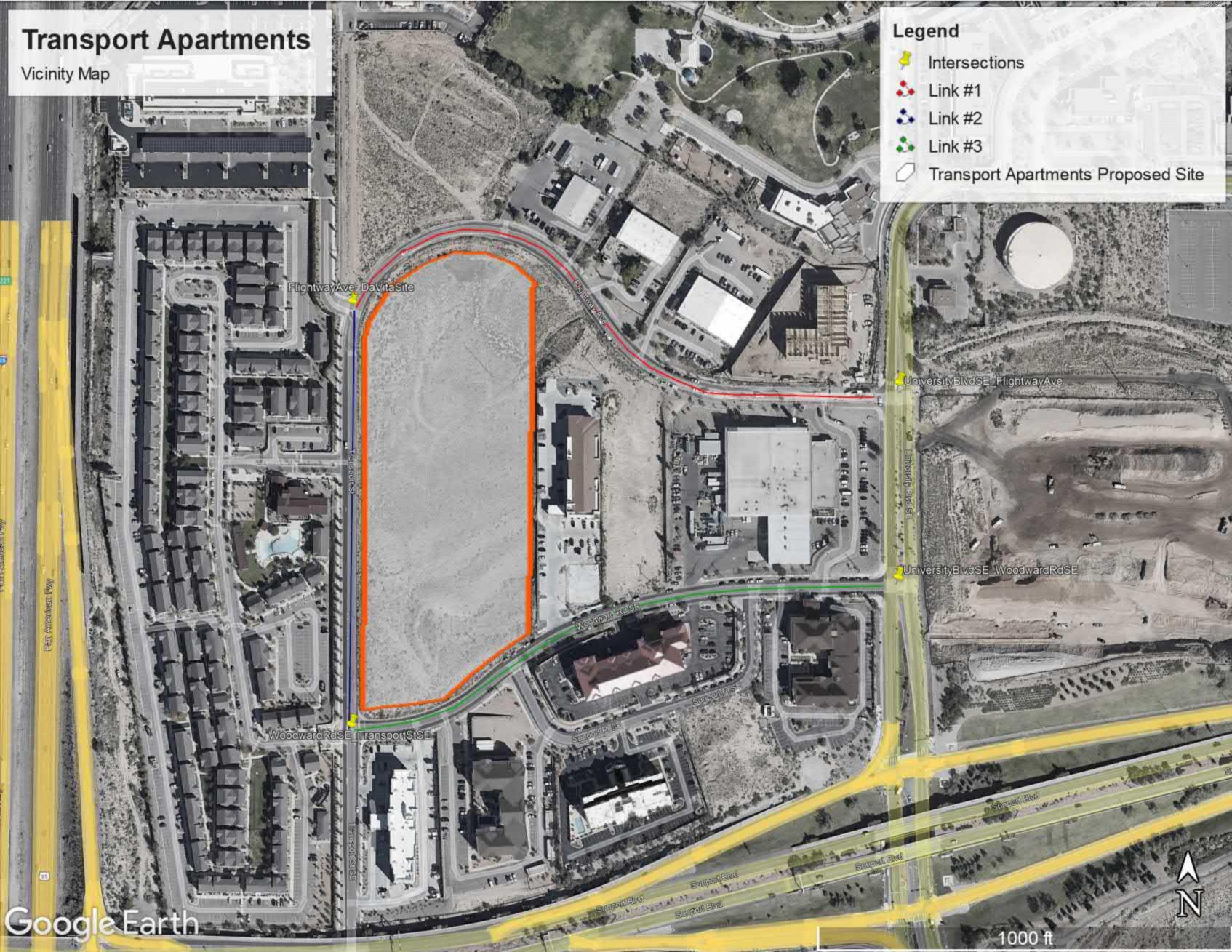




Portion of Futures 2040 Long Range Roadway System (from Mid-Region Council of Governments)



Portion of Futures 2040 Long Range Bikeway System (from Mid-Region Council of Governments)



Appendix 02

SCOPE OF TRAFFIC IMPACT STUDY (TIS)

TO: Terry Brown Terry O. Brown, P.E. P. O. Box 92051 Albuquerque, NM 87199-2051

MEETING DATE: Thursday, March 28, 2024 at 9:00 am.

ATTENDEES: Matthew Grush (City of Albuquerque); Ron Bohannan, Derek Bohannan, Jon Niski, Vinny Perea, Jimeia Roberts, and Terry Brown (Tierra West LLC).

PROJECT: Transport Apartments (2900 Transport St. SE)

 REQUESTED CITY ACTION:
 _____ Zone Change
 X_____ Site Development Plan

 _____ Subdivision
 X_____ Building Permit
 _____ Sector Plan
 _____ Sector Plan Amendment

 _____ Curb Cut Permit
 _____ Conditional Use
 _____ Annexation
 _____ Site Plan Amendment

ASSOCIATED APPLICATION: Description of development, where, what, etc. Include acreage, uses, etc. Proposed 254 unit apartment complex (a mix of low-rise and high-rise apartments).

SCOPE OF REPORT:

The Traffic Impact Study should follow the standard report format, which is outlined in the DPM. The following supplemental information is provided for the preparation of this specific study.

- Trip Generation Use Trip Generation Manual, 11th Edition. Local data may be used for certain land use types as determined by staff. Consultant to provide.
- 2. Appropriate study area: Signalized Intersections;
 - a. None

Unsignalized Intersections;

- a. Woodward Rd. SE / University Blvd. SE
- b. Flightway Ave. SE / University Blvd. SE
- c. Woodward Rd. SE / Transport St. SE
- d. Flightway Ave. (Transport St.) / Private driveway to DaVita site.

Driveway Intersections: all site drives. (2)

 Intersection turning movement counts Study Time – 7-9 a.m. peak hour, 4-6 p.m. peak hour Consultant to provide for all intersections listed above.

4. Type of intersection progression and factors to be used.

Type III arrival type (see "Highway Capacity Manual, current edition" or equivalent as approved by staff). Unless otherwise justified, peak hour factors and % heavy commercial should be taken directly from the MRCOG turning movement data provided or as calculated from current count data by consultant.

5. Boundaries of area to be used for trip distribution.

City Wide - residential, office or industrial; 2-mile radius – commercial; (consultant to proposed preliminary trip distribution criteria for approval by City of Albuquerque. Interstate or to be determined by consultant - motel/hotel APS district boundary mapping for each school and bus routes

6. Basis for trip distribution.

Residential – Use inverse relationship based upon distance and employment. Use employment data from 2040 Socioeconomic Forecasts, MRCOG – See MRCOG website for most current data.

Office/Industrial - Use inverse relationship based upon distance and population. Use population data from 2040 Socioeconomic Forecasts, MRCOG – See MRCOG website for most current data.

Commercial - Use relationship based upon population. Use population data from 2040 Socioeconomic Forecasts, MRCOG – See MRCOG website for most current data.

Residential - Ts = (Tt) (Se / D) / (Se / D)

Ts = Development to Individual Subarea Trips

Tt = Total Trips

Se = Subarea Employment

D = Distance from Development to Subarea

Office/Industrial - Ts = (Tt) (Sp / D) / (Sp / D)

- Ts = Development to Individual Subarea Trips
- Tt = Total Trips
- Sp = Subarea Population
- D = Distance from Development to Subarea

Commercial -

Ts = (Tt) (Sp) / (Sp) Ts = Development to Individual Subarea Trips Tt = Total Trips Sp = Subarea Population

- 7. Traffic Assignment. Logical routing on the major street system.
- 8. Proposed developments which have been approved but not constructed that are to be Included in the analyses. Projects in the area include:
 - None.
- Method of intersection capacity analysis planning or operational (see "2016 Highway Capacity Manual" or equivalent [i.e. HCS, Synchro, Teapac, etc.] as approved by staff). Must use latest version of design software and/or current edition of design manual. Implementation Year: 2025 Horizon Year: 2035
- 10. Traffic conditions for analysis:
 - a. Existing analysis __ yes <u>X</u> no year (xxxx);
 - b. Phase implementation year(s) without proposed development 2025
 - c. Phase implementation year(s) with proposed development 2025
 - d. Project horizon year without proposed development 2035

- e. Project horizon year with proposed development 2035
- f. Other -
- Background traffic growth. Method: use 10-year historical growth based on standard data from the MRCOG Traffic Flow Maps. Minimum growth rate to be used is 1/2%.
- 12. Planned (programmed) traffic improvements. List planned CIP improvements in study area and projected project implementation year:
 - a. Project Location (Implementation Year)
- 13. Items to be included in the study:
 - a. Intersection analysis.
 - b. Signal progression An analysis is required if the driveway analysis indicates a traffic signal is possibly warranted. Analysis Method:
 - c. Arterial LOS analysis;
 - d. Recommended street, intersection and signal improvements.
 - e. Site design features such as turning lanes, median cuts, queuing requirements and site circulation, including driveway signalization and visibility.
 - f. Transportation system impacts.
 - g. Other mitigating measures.
 - h. Accident analyses ____yes _X_no; Location(s): 5 year history (2015-2019)
 - i. Weaving analyses yes X no; Location(s):
- 14. Other:

SUBMITTAL REQUIREMENTS:

- 1. Number of copies of report required
 - a. 1 digital copy
- 2. Submittal Fee \$1300 for up to 3 reviews

The Traffic Impact Study for this development proposal, project name, shall be performed in accordance with the above criteria. If there are any questions regarding the above items, please contact me at 924-3362.

Date

MPMP.E.

3/28/2024

Matt Grush, P.E. Senior Engineer City of Albuquerque, Planning Transportation Development Section

via: email C: TIS Task Force Attendees, file



City of Albuquerque

Planning Department Development Review Services Division

Traffic Scoping Form (REV 12/2020)

Project Title: Transport Apartments Bui	lding Permit #:	Hydrology File #: M15D023H
Zone Atlas Page: <u>M-15</u> DRB#: <u>PR-2021-00545</u>	9EPC#:	Work Order#:
Legal Description: Lots 1-A and 2-A-1 Block 2 S	Sunport Park	
City Address: 2900 Transport St SE		
Applicant:		Contact: Vinny Perea
Address: 5571 Midway Park PI NE		
Phone#: <u>505-858-3100</u> Fax	:#:	E-mail: vperea@tierrawestllc.com
Development Information		
Build out/Implementation Year: 2025	Current/Proposed Zo	oning: NR-BP
Project Type: New: (x) Change of Use: () Sar	ne Use/Unchanged: () Same	Use/Increased Activity: ()
Proposed Use (mark all that apply): Residential: (x) Office: () Retail: () Mix	ed-Use: ()
Describe development and Uses: New Development of a 25	54-unit multi-family apartment cor	nplex
Days and Hours of Operation (if known):		
Facility		
Building Size (sq. ft.):281,087 SF (total gross floo	r area)	
Number of Residential Units:254		
Number of Commercial Units:		
		ITE Land Use # 220 Multifamily Housing
Traffic Considerations		(Low-Rise) Not Close
Expected Number of Daily Visitors/Patrons (if know	n):*	to Rail Transit 254 units
* · · ·	u)	AM peak 102 trips
Expected Number of Employees (if known):*		PM peak 130 trips
Expected Number of Delivery Trucks/Buses per Day	(if known):* AM: 22 Enter, 72 Exit (94 Total)	
Trip Generations during PM/AM Peak Hour (if know		
Driveway(s) Located on: <u>Street Name</u> Woodward Rd a	nd Flightway Ave	
Adjacent Roadway(s) Posted Speed: Street Name Transp	oort St	Posted Speed 30 mph
Street Name Flight	•	Posted Speed 30 mph
Wood	lward Rd	30 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)

Transport, Flightway, and Woodward are

Comprehensive Plan Corridor Designation/Functional Classification: considered "Local" (arterial, collector, local, main street)

Comprehensive Plan Center Designation: (urban center, employment center, activity center)	N/A	
Jurisdiction of roadway (NMDOT, City, Co	unty): City	
• • • •	available through	Not available through
Adjacent Roadway(s) Traffic Volume: MRC	Volume-to-Capacity Ra	atio: MRCOG
5 5()	(if applicable)	
		lolph Rd, west of Buena Vista Dr
Adjacent Transit Service(s): Bus Route 222 on	University Blvd Nearest Transit Stop(s): 2800' fro	om site as the crow flies
Is site within 660 feet of Premium Transit?:	No Flightway Ave - San Jose Lateral Trail (proposed) - pave	d trail
Cument/Duenegod Dievole Infrastructures	Transport St - Sunport Interchange Con SE (existing) - ca	
Current/Proposed Bicycle Infrastructure:		
Current/Proposed Sidewalk Infrastructure:	Proposed 6' sidewalk along entire frontage of	site

Relevant Web-sites for Filling out Roadway Information:

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

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

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

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

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

TIS Determination

<u>Note:</u> 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:

MPM-P.E

3/27/2024

TRAFFIC ENGINEER

DATE

<u>Submittal</u>

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.

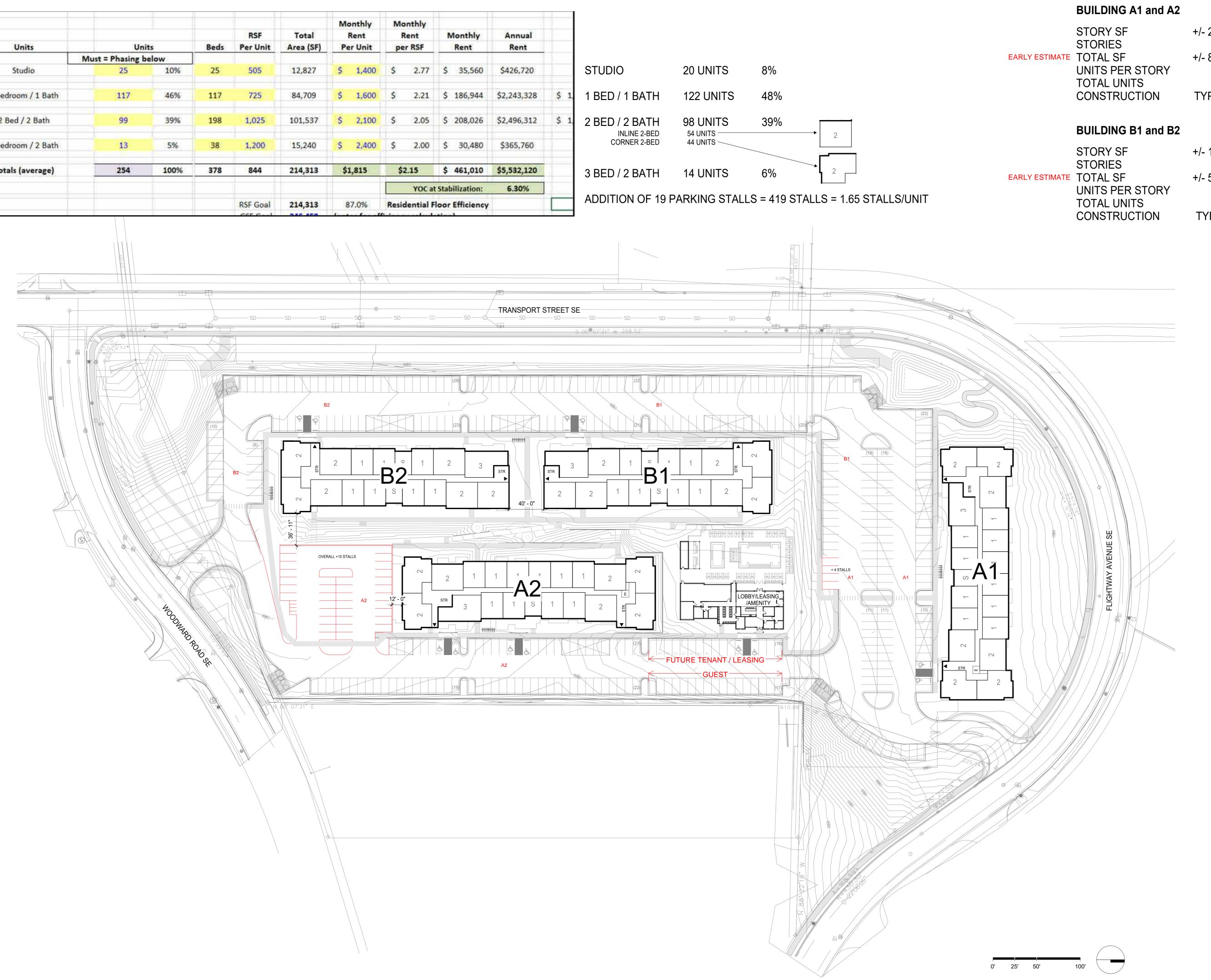
Site Plan/Traffic Scoping Checklist

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) <u>(check MRCOG Bikeways and Trails in the</u> 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.

Appendix 03

						NA.	a set la s	14	CALLY	_
		-		RSF	Total		onthly Rent		Rent	M
Units	Uni	ts	Beds	Per Unit	Area (SF)		er Unit		r RSF	- 9
	Must = Phasing b	elow		1						1
Studio	25	10%	25	505	12,827	\$	1,400	\$	2.77	\$
1 Bedroom / 1 Bath	117	46%	117	725	84,709	\$	1,600	\$	2.21	\$
2 Bed / 2 Bath	99	39%	198	1,025	101,537	\$	2,100	\$	2.05	\$ 3
3 Bedroom / 2 Bath	13	5%	38	1,200	15,240	\$	2,400	\$	2.00	\$
Totals (average)	254	100%	378	844	214,313	\$	1,815	\$	2.15	\$.
		1						7.0% Residential Flo		TI
		Î		RSF Goal	214,313	8	37.0%			
		1		con cond	240 450	1			a set of the set	



PLOT DA

	STORY SF	+/- 20,270	GSF
	STORIES	4	STORIES
EARLY ESTIMATE	TOTAL SF	+/- 81,080	GSF
	UNITS PER STORY	19	UNITS
	TOTAL UNITS	76	UNITS
	CONSTRUCTION	TYPE IIIB	

EARLY ESTIMATE TOTAL SF + UNITS PER STORY TOTAL UNITS	-/- 53,184 17	STORIES
---	------------------	---------



Opus AE Group, L.L.C. 10350 Bren Road West Minnetonka, MN 55343-0110 952-656-4444

Opus Design Build, L.L.C. 2555 E Camelback Road, Suite 100 Phoenix, AZ 85016 602-648-5099

DESIGN ARCHITECT

PROJECT

TRANSPORT MF

PROJECT ADDRESS Albuquerque, NM

PROJECT NUMBER 32176000

ISSUE RECORD

date 05/31/2024 PROJECT MANAGER RC DRAWN BY TG CHECKED BY DN

REGISTRATION

SHEET TITLE Conceptual Architectural Site Plan

SHEET NUMBER

Appendix 04

Transport Apartments (2900 Transport St)

Trip Generation Data (ITE Trip Generation Manual - 11th Edition)

SE (ITE CODE)		24 HR VOL	A. M. PEAK HR.		P. M. PEAK HR.	
DESCRIPTION		GROSS	ENTER	EXIT	ENTER	EXIT
Summary Sheet	Units					
Multifamily Housing (Mid-Rise)	164.00	745	14	47	39	25
Multifamily Housing (Low-Rise)	90.00	607	9	27	37	22
Single Tenant Office Building (715)	5.14	67	8	1	1	8
Subtotal		1,419	31	75	77	55

Land Use: 221 Multifamily Housing (Mid-Rise)

Description

Mid-rise multifamily housing includes apartments and condominiums located in a building that has between four and 10 floors of living space. Access to individual dwelling units is through an outside building entrance, a lobby, elevator, and a set of hallways.

Multifamily housing (low-rise) (Land Use 220), multifamily housing (high-rise) (Land Use 222), offcampus student apartment (mid-rise) (Land Use 226), and mid-rise residential with ground-floor commercial (Land Use 231) are related land uses.

Land Use Subcategory

Data are presented for two subcategories for this land use: (1) not close to rail transit and (2) close to rail transit. A site is considered close to rail transit if the walking distance between the residential site entrance and the closest rail transit station entrance is ½ mile or less.

Additional Data

For the six sites for which both the number of residents and the number of occupied dwelling units were available, there were an average of 2.5 residents per occupied dwelling unit.

For the five sites for which the numbers of both total dwelling units and occupied dwelling units were available, an average of 96 percent of the total dwelling units were occupied.

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/trip-and-parking-generation/).

It is expected that the number of bedrooms and number of residents are likely correlated to the trips generated by a residential site. To assist in future analysis, trip generation studies of all multifamily housing should attempt to obtain information on occupancy rate and on the mix of residential unit sizes (i.e., number of units by number of bedrooms at the site complex).

The sites were surveyed in the 1990s, the 2000s, the 2010s, and the 2020s in Alberta (CAN), California, District of Columbia, Florida, Georgia, Illinois, Maryland, Massachusetts, Minnesota, Montana, New Jersey, New York, Ontario (CAN), Oregon, Utah, and Virginia.

Source Numbers

168, 188, 204, 305, 306, 321, 818, 857, 862, 866, 901, 904, 910, 949, 951, 959, 963, 964, 966, 967, 969, 970, 1004, 1014, 1022, 1023, 1025, 1031, 1032, 1035, 1047, 1056, 1057, 1058, 1071, 1076



Transport Apartments (2900 Transport St) Trip Generation Data (ITE Trip Generation Manual - 11th Edition)

USE (ITE CODE)		24 HOUR TWO-WAY VOLUME		A: M. PEAK HOUR		P. M. PEAK HOUR
		GROSS	ENTER	EXIT	ENTER	EXIT
	Units	1				
Multifamily Housing (Mid-Rise)	164.00	745	14	47	39	9 25
	Dwelling Units	5				
ITE Trip Generation Equations:						
Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)						
Average vehicle hip Ends on a weekday (2+1100K hive with voleome)			T =	4.54	(X) +	0
			50%	Enter,	• •	6 Exit
				Lintoi,	,	
Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Be	tween 7am and 9am	(A.M. PEAK H	OUR)			
			T =	0.44	(X) +	-11.61
			23%	Enter,	77%	6 Exit
Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Be	etween 4pm and 6pm	(P.M. PEAK H	OUR)			
			T =	0.39	(X) +	0
			61%	Enter,	39%	6 Exit
Comments:						
Tract No.						
Based on ITE Trip Generation Manual - 11th Edition						

Land Use: 220 Multifamily Housing (Low-Rise)

Description

Low-rise multifamily housing includes apartments, townhouses, and condominiums located within the same building with at least three other dwelling units and that have two or three floors (levels). Various configurations fit this description, including walkup apartment, mansion apartment, and stacked townhouse.

- A walkup apartment typically is two or three floors in height with dwelling units that are accessed by a single or multiple entrances with stairways and hallways.
- A mansion apartment is a single structure that contains several apartments within what appears to be a single-family dwelling unit.
- A fourplex is a single two-story structure with two matching dwelling units on the ground and second floors. Access to the individual units is typically internal to the structure and provided through a central entry and stairway.
- A stacked townhouse is designed to match the external appearance of a townhouse. But, unlike a townhouse dwelling unit that only shares walls with an adjoining unit, the stacked townhouse units share both floors and walls. Access to the individual units is typically internal to the structure and provided through a central entry and stairway.

Multifamily housing (mid-rise) (Land Use 221), multifamily housing (high-rise) (Land Use 222), affordable housing (Land Use 223), and off-campus student apartment (low-rise) (Land Use 225) are related land uses.

Land Use Subcategory

Data are presented for two subcategories for this land use: (1) not close to rail transit and (2) close to rail transit. A site is considered close to rail transit if the walking distance between the residential site entrance and the closest rail transit station entrance is ½ mile or less.

Additional Data

For the three sites for which both the number of residents and the number of occupied dwelling units were available, there were an average of 2.72 residents per occupied dwelling unit.

For the two sites for which the numbers of both total dwelling units and occupied dwelling units were available, an average of 96.2 percent of the total dwelling units were occupied.

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip



generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/tripand-parking-generation/).

For the three sites for which data were provided for both occupied dwelling units and residents, there was an average of 2.72 residents per occupied dwelling unit.

It is expected that the number of bedrooms and number of residents are likely correlated to the trips generated by a residential site. To assist in future analysis, trip generation studies of all multifamily housing should attempt to obtain information on occupancy rate and on the mix of residential unit sizes (i.e., number of units by number of bedrooms at the site complex).

The sites were surveyed in the 1980s, the 1990s, the 2000s, the 2010s, and the 2020s in British Columbia (CAN), California, Delaware, Florida, Georgia, Illinois, Indiana, Maine, Maryland, Massachusetts, Minnesota, New Jersey, Ontario (CAN), Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, and Washington.

Source Numbers

188, 204, 237, 300, 305, 306, 320, 321, 357, 390, 412, 525, 530, 579, 583, 638, 864, 866, 896, 901, 903, 904, 936, 939, 944, 946, 947, 948, 963, 964, 966, 967, 1012, 1013, 1014, 1036, 1047, 1056, 1071, 1076



Transport Apartments (2900 Transport St) Trip Generation Data (ITE Trip Generation Manual - 11th Edition)

USE (ITE CODE)		24 HOUR TWO-WAY VOLUME		A: M. PEAK HOUR			PEAK HOUR
		GROSS	ENTER	EXIT	EN	TER	EXIT
Multifamily Housing (Low-Rise)	Units 90.00	607	9	27	7	37	22
	Dwelling Units					01	
ITE Trip Generation Equations:							
Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)							
			T =	6.7	4 (X) +		0
			50%	Enter,		50%	Exit
Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour B	etween 7am and 9am	(A.M. PEAK H	IOUR)				
			T =		4 (X) +		0
			24%	Enter,		76%	Exit
Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour B	etween 4pm and 6pm	(P.M. PEAK H	IOUR)				
			T =	0.4	3 (X) +		20.55
			63%	Enter,		37%	Exit
Comments:							
Tract No.							
Based on ITE Trip Generation Manual - 11th Edition							

Land Use: 221 Multifamily Housing (Mid-Rise)

Description

Mid-rise multifamily housing includes apartments and condominiums located in a building that has between four and 10 floors of living space. Access to individual dwelling units is through an outside building entrance, a lobby, elevator, and a set of hallways.

Multifamily housing (low-rise) (Land Use 220), multifamily housing (high-rise) (Land Use 222), offcampus student apartment (mid-rise) (Land Use 226), and mid-rise residential with ground-floor commercial (Land Use 231) are related land uses.

Land Use Subcategory

Data are presented for two subcategories for this land use: (1) not close to rail transit and (2) close to rail transit. A site is considered close to rail transit if the walking distance between the residential site entrance and the closest rail transit station entrance is ½ mile or less.

Additional Data

For the six sites for which both the number of residents and the number of occupied dwelling units were available, there were an average of 2.5 residents per occupied dwelling unit.

For the five sites for which the numbers of both total dwelling units and occupied dwelling units were available, an average of 96 percent of the total dwelling units were occupied.

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/trip-and-parking-generation/).

It is expected that the number of bedrooms and number of residents are likely correlated to the trips generated by a residential site. To assist in future analysis, trip generation studies of all multifamily housing should attempt to obtain information on occupancy rate and on the mix of residential unit sizes (i.e., number of units by number of bedrooms at the site complex).

The sites were surveyed in the 1990s, the 2000s, the 2010s, and the 2020s in Alberta (CAN), California, District of Columbia, Florida, Georgia, Illinois, Maryland, Massachusetts, Minnesota, Montana, New Jersey, New York, Ontario (CAN), Oregon, Utah, and Virginia.

Source Numbers

168, 188, 204, 305, 306, 321, 818, 857, 862, 866, 901, 904, 910, 949, 951, 959, 963, 964, 966, 967, 969, 970, 1004, 1014, 1022, 1023, 1025, 1031, 1032, 1035, 1047, 1056, 1057, 1058, 1071, 1076



Transport Apartments (2900 Transport St) Trip Generation Data (ITE Trip Generation Manual - 11th Edition)

USE (ITE CODE)		24 HOUR TWO-WAY VOLUME		A. M. PEAK HOUR		P. M	PEAK HOUR
		GROSS	ENTER	EXIT	ENTE	R	EXIT
Single Tenant Office Building (715)	Units 5.14 1,000 S.F.	67	8	1		1	8
ITE Trip Generation Equations:							
Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)			_				
			T = 50%	13.07 Enter,	(X) +	50%	0 Exit
Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Bet	ween 7am and 9am	n (A.M. PEAK H	IOUR)				
			T = 89%	1.85 Enter,	(X) +	11%) Exit
Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Bet	ween 4pm and 6pm	n (P.M. PEAK H	IOUR)				
			T =	1.76	(X) +	()
			15%	Enter,	ł	85%	Exit
Comments:							
Tract No.							
Based on ITE Trip Generation Manual - 11th Edition							

Scenario - 1

Scenario Name: I	
Dev. phase: 1	No. of Years to Project 0 Traffic :
Analyst Note:	

Warning: The settings/location among the land uses do not appear to match.

VEHICLE TRIPS BEFORE REDUCTION

Land Use & Data Source	Location IV Size	Size	Size Time Period	Method	Entry	Exit	Total									
		Thine Ferriou	Rate/Equation	Split%	Split%	10101										
220 - Multifamily Housing (Low-Rise) - Not Close	General	Dwelling Units	00	Weekday	Average	303	303	606								
Data Source: Trip Generation Manual, 11th Ed	Urban/Suburban	8	90	Weekuay	6.74	50%	50%	000								
221 - Multifamily Housing (Mid-Rise) - Not Close	Donco Multi Llco Llrbon	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	164	Weekday	Average	240	240	480
Data Source: Trip Generation Manual, 11th Ed	Dense Multi-Ose Orban										Dweiling Units	Dweiling Units	Dweining Offics	Dweining Offics	Dwening Units	Dweining Units
715 - Single Tenant Office Building	General	1000 Sq. Ft. GFA	1000 Sq. Ft. GFA	1000 Sg. Et. GEA	5.14	Weekday	Average	34	34	68						
Data Source: Trip Generation Manual, 11th Ed	Urban/Suburban				5.14	Weekuay	13.07	50%	50%	00						

VEHICLE TO PERSON TRIP CONVERSION

BASELINE SITE VEHICLE CHARACTERISTICS:

Land Use	Baseline Site Vehicle Mode Share		Baseline Site Veh	icle Occupancy	Baseline Site Vehicle Directional Split	
	Entry (%)	Exit (%)	Entry	Exit	Entry (%)	Exit (%)
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	100	100	1	1	50	50
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	100	100	1	1	50	50
715 - Single Tenant Office Building	100	100	1.1	1.1	50	50

ESTIMATED BASELINE SITE PERSON TRIPS:

Land Use	Person Trips by Vehicle		Person Trips by Other Modes		Total Baseline Site Person Trips	
	Entry	Exit	Entry	Exit	Entry	Exit
220 Multiferrily Heuring (Lew Dise) Net Cless to Dail Transit	303	303	0	0	303	303
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	606		0		606	
204 Adult four the Haussian (Adult Disc.) Also Class to Dail Terrait	240	240	0	0	240	240
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	480		0		480	
715 - Single Tenant Office Building	37	37	0	0	37	37
	74		0		74	

INTERNAL VEHICLE TRIP REDUCTION

LAND USE GROUP ASSIGNMENT:

Land Use	Land Use Group
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	Residential
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	Residential
715 - Single Tenant Office Building	Office

INTERNAL VEHICLE TRIPS AND CAPTURE:

220 - Multifamily Housing (Low-Rise)-Not Close to Rail Transit

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1.00	1.00	-

Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	303	303	606
Internal Vehicle Trip Capture	0%	0%	0%

221 - Multifamily Housing (Mid-Rise)-Not Close to Rail Transit

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1.00	1.00	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	240	240	480
Internal Vehicle Trip Capture	0%	0%	0%

715 - Single Tenant Office Building

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1.00	1.00	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	34	34	68
Internal Vehicle Trip Capture	0%	0%	0%

PASS-BY VEHICLE TRIP REDUCTION

Land Use	External Vehicle Trips		Pass-by Vehicle Trip %		Pass-by Vehicle Trips	
	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	303	303	0.00%	0.00%	0	0
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	240	240	0.00%	0.00%	0	0
715 - Single Tenant Office Building	34	34	0.00%	0.00%	0	0

DIVERTED VEHICLE TRIP REDUCTION

Land Use	External Vehicle Trips		Diverted Vehicle Trip %		Diverted Vehicle Trips	
	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	303	303	0.00%	0.00%	0	0
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	240	240	0.00%	0.00%	0	0
715 - Single Tenant Office Building	34	34	0.00%	0.00%	0	0

EXTRA VEHICLE TRIP REDUCTION

Land Use	(External - (Pass-by + Diverted)) Vehicle Trips		Extra Vehicle Trip Reduction %		Extra Reduced Vehicle Trips	
Land Ose	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	303	303	0.00%	0.00%	0	0
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	240	240	0.00%	0.00%	0	0
715 - Single Tenant Office Building	34	34	0.00%	0.00%	0	0

NEW VEHICLE TRIPS

Land Use	New Vehicle Trips				
	Entry	Exit	Total		
20 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	303	303	606		
21 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	240	240	480		
15 - Single Tenant Office Building	34	34	68		

RESULTS

Site Totals	Entry	Exit	Total
Vehicle Trips Before Reduction	577	577	1154
Internal Vehicle Trips	0	0	0
External Vehicle Trips	577	577	1154
Internal Vehicle Trip Capture	0%	0%	0%
Pass-by Vehicle Trips	0	0	0
Diverted Vehicle Trips	0	0	0
Extra Reduced Vehicle Trips	0	0	0
New Vehicle Trips	577	577	1154

Scenario - 1

Scenario Name: D	aily User Group:
Dev. phase: 1	No. of Years to Project 0 Traffic :
Analyst Note:	

Warning: The time periods and settings/location among the land uses do not appear to match.

VEHICLE TRIPS BEFORE REDUCTION

Land Use & Data Source	Location	IV	Size	Time Period	Method	Entry	Exit	Total												
					Rate/Equation	Split%	Split%													
220 - Multifamily Housing (Low-Rise) - Not Close	General	Dwelling Units	00	Weekday, Peak Hour of	Average	9	27	36												
Data Source: Trip Generation Manual, 11th Ed	Urban/Suburban	U	90	Adjacent Street Traffic,	0.40	24%	76%	50												
221 - Multifamily Housing (Mid-Rise) - Not Close	Donco Multi Llco Llrbon	Use Urban Dwelling Units	Dwelling Units 164	Weekday, Peak Hour of	Average	6	39	45												
Data Source: Trip Generation Manual, 11th Ed	Dense Multi-Ose Orban		Dweiling Units	Dweining Units	Dweining Units	Dweiling Units	Dweiling Units	Dweining Units	Dweining Units	Dweining Units	Dwening Units	Dweining Onits	Dweiling Units	Dweiling Units	Dwening Units	104	Adjacent Street Traffic,	0.28	14%	86%
715 - Single Tenant Office Building	General	1000 Sq. Ft. GFA	1000 Sq. Ft. GFA	1000 Sq. Ft. GFA	1000 Sq. Ft. GFA	1000 Sg. Et. GEA	5.14	Weekday, Peak Hour of	Average	1	8	0								
Data Source: Trip Generation Manual, 11th Ed	Urban/Suburban						1000 Sq. Ft. GFA	1000 SQ. FL. GFA	1000 SQ. FL. GFA	1000 Sq. Ft. GFA	1000 Sq. Ft. GFA	1000 Sq. Fl. GFA	1000 Sq. Fl. GFA	1000 Sq. Fl. GFA	1000 Sq. Ft. GFA	5.14	Adjacent Street Traffic,	1.76	15%	85%

VEHICLE TO PERSON TRIP CONVERSION

BASELINE SITE VEHICLE CHARACTERISTICS:

Land Use	Baseline Site Vehicle Mode Share		Baseline Site Vehicle Occupancy		Baseline Site Vehicle Directional Split	
Lanu Ose	Entry (%)	Exit (%)	Entry	Exit	Entry (%)	Exit (%)
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	100	100	1	1	24	76
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	100	100	1	1	14	86
715 - Single Tenant Office Building	100	100	1.1	1.1	15	85

ESTIMATED BASELINE SITE PERSON TRIPS:

Land Use	Person Trips by Vehicle		Person Trips by Other Modes		Total Baseline Site Person Trips	
	Entry	Exit	Entry	Exit	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	9	27	0	0	9	27
	36		0		36	
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	6	39	0	0	6	39
	45		0		45	
715 - Single Tenant Office Building	1	8	0	0	1	8
	9		0		9	

INTERNAL VEHICLE TRIP REDUCTION

LAND USE GROUP ASSIGNMENT:

Land Use	Land Use Group
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	Residential
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	Residential
715 - Single Tenant Office Building	Office

INTERNAL VEHICLE TRIPS AND CAPTURE:

220 - Multifamily Housing (Low-Rise)-Not Close to Rail Transit

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1.00	1.00	-

Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	9	27	36
Internal Vehicle Trip Capture	0%	0%	0%

221 - Multifamily Housing (Mid-Rise)-Not Close to Rail Transit

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1.00	1.00	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	6	39	45
Internal Vehicle Trip Capture	0%	0%	0%

715 - Single Tenant Office Building

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1	1	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	1	8	9
Internal Vehicle Trip Capture	0%	0%	0%

PASS-BY VEHICLE TRIP REDUCTION

Land Use	External Vehicle Trips		Pass-by Vehicle Trip %		Pass-by Vehicle Trips	
	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	9	27	0.00%	0.00%	0	0
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	6	39	0.00%	0.00%	0	0
715 - Single Tenant Office Building	1	8	0.00%	0.00%	0	0

DIVERTED VEHICLE TRIP REDUCTION

Land Use	External Vehicle Trips		Diverted Vehicle Trip %		Diverted Vehicle Trips	
Land Use	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	9	27	0.00%	0.00%	0	0
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	6	39	0.00%	0.00%	0	0
715 - Single Tenant Office Building	1	8	0.00%	0.00%	0	0

EXTRA VEHICLE TRIP REDUCTION

Land Use	(External - (Pass-by + Diverted)) Vehicle Trips		Extra Vehicle Trip Reduction %		Extra Reduced Vehicle Trips	
	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	9	27	0.00%	0.00%	0	0
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	6	39	0.00%	0.00%	0	0
715 - Single Tenant Office Building	1	8	0.00%	0.00%	0	0

NEW VEHICLE TRIPS

Land Use		New Vehicle Trips				
	Entry	Exit	Total			
20 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	9	27	36			
21 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	6	39	45			
15 - Single Tenant Office Building	1	8	9			

RESULTS

Site Totals	Entry	Exit	Total
Vehicle Trips Before Reduction	16	74	90
Internal Vehicle Trips	0	0	0
External Vehicle Trips	16	74	90
Internal Vehicle Trip Capture	0%	0%	0%
Pass-by Vehicle Trips	0	0	0
Diverted Vehicle Trips	0	0	0
Extra Reduced Vehicle Trips	0	0	0
New Vehicle Trips	16	74	90

Scenario - 1

Scenario Name: [Daily User Group:
Dev. phase: 1	Daily User Group: No. of Years to Project Traffic :
Analyst Note:	

Warning: The settings/location among the land uses do not appear to match.

VEHICLE TRIPS BEFORE REDUCTION

Land Use & Data Source	Location IV	Size	Time Period	Method	Entry	Exit	Total			
	Location			5120	3120	3120	Rate/Equation	Split%	Split%	TUtai
220 - Multifamily Housing (Low-Rise) - Not Close	General	Dwelling Units	90	Weekday, Peak Hour of	Best Fit (LIN)	37	22	59		
Data Source: Trip Generation Manual, 11th Ed	Urban/Suburban	0	90	Adjacent Street Traffic,	T = 0.43(X) + 20.55	63%	37%	59		
221 - Multifamily Housing (Mid-Rise) - Not Close	Donco Multi Llco Llrbon	Dwelling Units	164	Weekday, Peak Hour of	Average	32	11	42		
Data Source: Trip Generation Manual, 11th Ed	Delise Multi-Ose Orbali	Dwelling Units	104	Adjacent Street Traffic,	0.26	74%	26%	43		
715 - Single Tenant Office Building	General	1000 Sg. Ft. GFA	5.14	Weekday, Peak Hour of	Average	1	8	0		
Data Source: Trip Generation Manual, 11th Ed	Urban/Suburban	1000 Sq. Fl. GFA	5.14	Adjacent Street Traffic,	1.76	15%	85%	9		

VEHICLE TO PERSON TRIP CONVERSION

BASELINE SITE VEHICLE CHARACTERISTICS:

Land Use	Baseline Site Vehicle Mode Share		Baseline Site Vehicle Occupancy		Baseline Site Vehicle Directional Split	
	Entry (%)	Exit (%)	Entry	Exit	Entry (%)	Exit (%)
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	100	100	1	1	63	37
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	100	100	1	1	74	26
715 - Single Tenant Office Building	100	100	1.1	1.1	15	85

ESTIMATED BASELINE SITE PERSON TRIPS:

Land Use	Person Trips by Vehicle		Person Trips by Other Modes		Total Baseline Site Person Trips	
	Entry	Exit	Entry	Exit	Entry	Exit
220 Multifemily Heusing /Lew Dise) Net Cless to Dail Trensit	37	22	0	0	37	22
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	59		0		59	
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	32	11	0	0	32	11
	43		0		43	
74E Cinele Tenent Office Duilding	1	8	0	0	1	8
715 - Single Tenant Office Building	9		0		9	

INTERNAL VEHICLE TRIP REDUCTION

LAND USE GROUP ASSIGNMENT:

Land Use	Land Use Group
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	Residential
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	Residential
715 - Single Tenant Office Building	Office

BALANCED PERSON TRIPS:

220 - Multifamily Housing (Low-Rise)-Not Close	to Rail Transit				221 - Multifa	mily Housing (Mid-Rise	e)-Not Close to Rail Transit
Persons Exit	PAF	UIPTC	Unconstrained Demand	==>>> BALANCED ==>>>	Unconstrained Demand	UIPTC	PAF	Persons Entry
22	1	0	0	0	0	0	1	32
Persons Entry	PAF	UIPTC	Unconstrained Demand	<<<== BALANCED <<<==	Unconstrained Demand	UIPTC	PAF	Persons Exit
37	1	0	0	0	0	0	1	11

220 - Multifamily Housing	(Low-Rise)-Not Close	to Rail Transit					715 - Si	ngle Tenant Office Building
Persons Exit	PAF	UIPTC	Unconstrained Demand	==>>> BALANCED ==>>>	Unconstrained Demand	UIPTC	PAF	Persons Entry
22	1	2	0	0	0	28.5	1	1
Persons Entry	PAF	UIPTC	Unconstrained Demand	<<<== BALANCED <<<==	Unconstrained Demand	UIPTC	PAF	Persons Exit
37	1	2	1	0	0	1	1	8
221 - Multifamily Housing	(Mid-Rise)-Not Close t	o Rail Transit					715 - Si	ngle Tenant Office Building
Persons Exit	PAF	UIPTC	Unconstrained Demand	==>>> BALANCED ==>>>	Unconstrained Demand	UIPTC	PAF	Persons Entry
11	1	2	0	0	0	28.5	1	1
Persons Entry	PAF	UIPTC	Unconstrained Demand	<<<== BALANCED <<<==	Unconstrained Demand	UIPTC	PAF	Persons Exit
32	1	2	1	0	0	1	1	8

INTERNAL VEHICLE TRIPS AND CAPTURE:

220 - Multifamily Housing (Low-Rise)-Not Close to Rail Transit

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1	1	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	37	22	59
Internal Vehicle Trip Capture	0%	0%	0%

221 - Multifamily Housing (Mid-Rise)-Not Close to Rail Transit

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1	1	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	32	11	43
Internal Vehicle Trip Capture	0%	0%	0%

715 - Single Tenant Office Building

Total Internal Person Trips	0	0	0
Vehicle Mode Share	100%	100%	-
Vehicle Occupancy	1	1	-
Total Vehicle Internal Trips	0	0	0
Total External Vehicle Trips	1	8	9
Internal Vehicle Trip Capture	0%	0%	0%

PASS-BY VEHICLE TRIP REDUCTION

Land Use	External V	ehicle Trips	Pass-by Veh	icle Trip %	Pass-by Vehicle Trips		
Land Ose	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit	
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	37	22	0.00%	0.00%	0	0	
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	32	11	0.00%	0.00%	0	0	
715 - Single Tenant Office Building	1	8	0.00%	0.00%	0	0	

DIVERTED VEHICLE TRIP REDUCTION

Land Use	External V	/ehicle Trips	Diverted Veh	icle Trip %	Diverted Vehicle Trips			
	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit		
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	37	22	0.00%	0.00%	0	0		

221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	32	11	0.00%	0.00%	0	0
715 - Single Tenant Office Building	1	8	0.00%	0.00%	0	0

EXTRA VEHICLE TRIP REDUCTION

Land Use	(External - (Pass-by +	Diverted)) Vehicle Trips	Extra Vehicle Tri	p Reduction %	Extra Reduced Vehicle Trips		
	Entry	Exit	Entry (%)	Exit (%)	Entry	Exit	
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	37	22	0.00%	0.00%	0	0	
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	32	11	0.00%	0.00%	0	0	
715 - Single Tenant Office Building	1	8	0.00%	0.00%	0	0	

NEW VEHICLE TRIPS

Land Use	New Vehicle Trips						
	Entry	Exit	Total				
220 - Multifamily Housing (Low-Rise) - Not Close to Rail Transit	37	22	59				
221 - Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	32	11	43				
715 - Single Tenant Office Building	1	8	9				

RESULTS

Site Totals	Entry	Exit	Total
Vehicle Trips Before Reduction	70	41	111
Internal Vehicle Trips	0	0	0
External Vehicle Trips	70	41	111
Internal Vehicle Trip Capture	0%	0%	0%
Pass-by Vehicle Trips	0	0	0
Diverted Vehicle Trips	0	0	0
Extra Reduced Vehicle Trips	0	0	0
New Vehicle Trips	70	41	111

Appendix 05

CAM1-University Blvd and Flightway Ave - AM

00 Tuesday, April 9, 2024

	AM Peak Hour																								
			South	ound				Westbound				Northbound						Eastbound							
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings		VEHICLE TOTAL
7:30 AM	0	0	58	7	0	65	0	0	0	0	0	0	0	10	114	0	0	124	0	7	0	2	0	9	198
7:45 AM	0	0	90	10	0	100	0	0	0	0	0	0	0	8	151	0	0	159	0	6	0	4	2	10	269
8:00 AM	0	0	81	5	0	86	0	0	0	0	0	0	0	9	148	0	0	157	0	4	0	8	0	12	255
8:15 AM	0	0	70	4	0	74	0	0	0	0	0	0	0	10	87	0	0	97	0	7	0	4	1	11	182
Peak Hour Total	0	0	299	26	0	325	0	0	0	0	0	0	0	37	500	0	0	537	0	24	0	18	3	42	904
PHF	0.000	0.000	0.831	0.650	0.000	0.813	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.925	0.828	0.000	0.000	0.844	0.000	0.857	0.000	0.563	0.375	0.875	0.840

	Total Vehic es Entering ntersection	cles On Leg 514	Vehicle	1417 es Exiting section	903								
	Southbound												
Cars	38	461	0	0	0								
Heavy	2	13	0	0	0								
Total	40	474	0	0	0								

			_			1
	Vehicles		Cars	Heavy	Total	
Total	Entering		3	1	4	
Vehicles on Leg	85	puno	0	0	0	,
199	Vehicles	Eastbound	49	1	50	
	Exiting		0	0	0	I
	114		30	5	35	

Cars	Heavy	Total		Vehicles	
0	0	0		Entering	Total
0	0	0	Westbound	0	Vehicles on Leg
0	0	0	bound	Vehicles	0
0	0	0		Exiting	
0	0	0		0	

	Vehicles		Cars	Heavy	Total	
	Entering		3	1	4	৾৾৾
es g	85	Eastbound	0	0	0	2
	Vehicles	Eastb	49	1	50	J
	Exiting		0	0	0	⇒
	114		30	5	35	7

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Daily Volumes

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				_	-					
Cars	0	1	70	841	0					
Heavy	0	0	4	12	0					
Total	0	1	74	853	0					
		North	bound							
Vehicle I	es Entering ntersection	928	Vehicles Exiting Intersection 510							
	Total Vehic	les On Leg		1438						

CAM1-University Blvd and Flightway Ave - PM

0 0 Tuesday, April 9, 2024

		PM												M Peak Hour												
				Southb	ound					Westb	ound					North	bound					Eastb	ound			
Time	U Tu	irns Lei	ft Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	VEHICLE TOTAL
4:15 PM	0		0	108	12	0	120	0	0	0	0	0	0	1	4	80	0	0	85	0	6	0	7	2	13	218
4:30 PM	0		0	140	9	0	149	0	0	0	0	0	0	0	2	84	0	0	86	0	12	0	8	0	20	255
4:45 PM	0		0	119	8	0	127	0	0	0	0	0	0	0	6	81	0	0	87	0	6	0	5	0	11	225
5:00 PM	0		0	124	13	0	137	0	0	0	0	0	0	1	6	87	0	0	94	0	8	0	8	1	16	247
Peak Hour To	tal 0		0	491	42	0	533	0	0	0	0	0	0	2	18	332	0	0	352	0	32	0	28	3	60	945
PHF	0.00	00	0.000	0.877	0.808	0.000	0.894	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.750	0.954	0.000	0.000	0.936	0.000	0.667	0.000	0.875	0.375	0.750	0.926

	Total Vehic es Entering ntersection		Vehicle	1614 s Exiting section	687						
Southbound											
Cars	70	848	0	0	0						
Heavy	4	5	0	0							
Total	74	853	0	0	0						
			L	Ŀ	Ś						

	Vehicles		Cars	Heavy	Total	
Total	Entering		6	2	8	ీం
Vehicles on Leg	110	puno	0	0	0	•
222	Vehicles	Eastbound	62	0	62	1
	Exiting		0	0	0	
	112		47	1	48	٦

Cars	Heavy	Total		Vehicles	
0	0	0		Entering	Total
0	0	0	Westbound	0	Vehicles on Leg
0	0	0	bound	Vehicles	0
0	0	0		Exiting	
0	0	0		0	

ふ片	ๆ	1	1	C	

Daily Volumes

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		-	•		•				
Cars	0	2	35	619	0				
Heavy	0	0	3	6	0				
Total	0	2	38	625	0				
		North	bound						
Vehicle I	es Entering ntersection	665	Vehicles Exiting Intersection 903						
	Total Vehic	les On Leg		1568					

CAM2-University Blvd and Woodward Rd - AM 0 0

0 0 Tuesday, April 9, 2024

		AM Pea												Peak Hour											
			South	ound					Westb	ound					North	bound					Eastb	ound			
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Approach	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	VEHICLE TOTAL
7:30 AM	0	0	54	5	0	59	0	0	0	0	0	0	0	8	118	0	0	126	0	7	0	31	0	38	223
7:45 AM	0	0	88	6	0	94	0	0	0	0	0	0	0	10	149	0	0	159	0	9	0	24	1	33	286
8:00 AM	0	0	85	3	0	88	0	0	0	0	0	0	0	24	149	0	0	173	0	6	0	27	0	33	294
8:15 AM	0	0	70	5	0	75	0	0	0	0	0	0	0	22	90	0	0	112	0	7	0	24	1	31	218
Peak Hour Total	0	0	297	19	0	316	0	0	0	0	0	0	0	64	506	0	0	570	0	29	0	106	2	135	1021
PHF	0.000	0.000	0.844	0.792	0.000	0.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.667	0.849	0.000	0.000	0.824	0.000	0.806	0.000	0.855	0.500	0.888	0.868

	Total Vehic es Entering ntersection	cles On Leg 510	Vehicles Exiting Intersection 928											
	Southbound													
Cars	32	460	0 0 0											
Heavy	0	18	0	0	0									
Total	32	478	0	0	0									
				Ŀ	ŚŔ									

Daily Volumes

5. 5.

	Vehicles		Cars	Heavy	Total	
Total	Entering Intersection		2	1	3	<i>Ś</i>
Vehicles on Leg	241	Eastbound	0	0	0	2
381	Vehicles	Eastb	53	2	55	J
	Exiting		0	0	0	⇒
	140		180	6	186	7

Cars	Heavy	Total		Vehicles	
0	0	0		Entering	Total
0	0	0	Westbound	0	Vehicles on Leg
0	0	0	bound	Vehicles	0
0	0	0		Exiting	
0	0	0		0	

,	-			
36	,			
		-		

	<i></i> * ?	P	٦	1				
Cars	0	0	106	859	0			
Heavy	0	0	2	14	0			
Total	0	0	108	873	0			
		North	bound					
Vehicle I	es Entering ntersection	981	Vehicles Exiting Intersection 664					
	Total Vehic	les On Leg		1645				

CAM2-University Blvd and Woodward Rd - PM 0 0

0 0 Tuesday, April 9, 2024

											Р	M Peak H	lour												
			South	oound					Westb	ound					North	bound					Eastb	ound			
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	VEHICLE TOTAL
4:00 PM	0	0	125	8	0	133	0	0	0	0	0	0	1	29	74	0	0	104	0	16	0	22	1	38	275
4:15 PM	0	0	111	4	0	115	0	0	0	0	0	0	2	11	81	0	0	94	0	4	0	23	0	27	236
4:30 PM	0	0	141	7	0	148	0	0	0	0	0	0	3	26	80	0	0	109	0	8	0	14	1	22	279
4:45 PM	0	0	111	10	0	121	0	0	0	0	0	0	1	27	82	0	0	110	0	4	0	21	0	25	256
Peak Hour Total	0	0	488	29	0	517	0	0	0	0	0	0	7	93	317	0	0	417	0	32	0	80	2	112	1046
PHF	0.000	0.000	0.865	0.725	0.000	0.873	0.000	0.000	0.000	0.000	0.000	0.000	0.583	0.802	0.966	0.000	0.000	0.948	0.000	0.500	0.000	0.870	0.500	0.737	0.937

	Total Vehic es Entering ntersection		1567 Vehicles Exiting Intersection 662										
Southbound													
Cars	69	830	0 0 0										
Heavy	0	6	0	0	0								
Total	69	836	0	0	0								
			L	Ŀ	śŔ								

	Vehicles		Cars	Heavy	Total	
Total	Entering		0	3	3	ᡬ济
Vehicles on Leg	239	puno	1	0	1	2
474	Vehicles	Eastbound	74	1	75	J
	Exiting		0	0	0	⇒
	235		159	4	163	٦

Cars	Heavy	Total		Vehicles	
0	0	0		Entering	Total
0	0	0	Westbound	0	Vehicles on Leg
0	0	0	bound	Vehicles	0
0	0	0		Exiting	
0	0	0		0	

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Daily Volumes

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	0.01	-	•						
Cars	0	8	162	579	0				
Heavy	0	0	3	8	0				
Total	0	8	165	587	0				
			bound						
Vehicle I	es Entering ntersection	760	Vehicles Exiting Intersection 1007						
	Total Vehic	les On Leg		1767					

CAM3-Woodward and Transport - AM

0 0 Tuesday, April 9, 2024

											Α	M Peak H	lour												
			Southb	ound					Westb	ound					North	bound					Eastb	ound			
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	VEHICLE TOTAL
7:15 AM	0	8	0	0	0	8	0	0	0	7	0	7	0	0	0	1	0	1	0	0	0	0	0	0	16
7:30 AM	0	8	0	0	0	8	0	0	0	7	0	7	0	0	0	4	0	4	0	0	0	0	0	0	19
7:45 AM	0	15	0	0	0	15	0	0	0	7	0	7	0	0	1	3	0	4	0	0	0	0	0	0	26
8:00 AM	0	10	0	0	0	10	0	0	0	7	0	7	0	0	0	2	0	2	0	0	0	0	0	0	19
Peak Hour Total	0	41	0	0	0	41	0	0	0	28	0	28	0	0	1	10	0	11	0	0	0	0	0	0	80
PHF	0.000	0.683	0.000	0.000	0.000	0.683	0.000	0.000	0.000	1.000	0.000	1.000	0.000	0.000	0.250	0.625	0.000	0.688	0.000	0.000	0.000	0.000	0.000	0.000	0.769

Vehicle	Total Vehic es Entering ntersection	les On Leg 71	124 Vehicles Exiting Intersection 53											
Southbound														
Cars	0	0	67	0	0									
Heavy	0	0	4	0	0									
Total	0	0	71	0	0									
				Ŀ	śŻ									

	Vehicles		Cars	Heavy	Total	
Total	Entering		0	0	0	ふ片
Vehicles on Leg	0	puno	0	0	0	2
0	Vehicles	Eastbound	0	0	0	J
	Exiting		0	0	0	⇒
	0		0	0	0	7

Cars	Heavy	Total		Vehicles	
52	0	52		Entering	Total
0	0	0	Westbound	53	Vehicles on Leg
1	0	1	bound	Vehicles	136
0	0	0		Exiting	
0	0	0		83	

0	0	0	2
0	0	0	t
0	0	0	➡
0	0	0	ר

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Daily Volumes

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				-	-							
Cars	2	0	0	1	12							
Heavy	0	0	0	0	0							
Total	2	0	0	1	12							
Northbound												
Vehicle I	es Entering ntersection	13		s Exiting ection	1							
	Total Vehic	les On Leg		14								

CAM3-Woodward and Transport - PM

0 0 Tuesday, April 9, 2024

	PM Peak Hour																								
			Southb	ound					Westb	ound					North	bound									
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings		VEHICLE TOTAL
4:45 PM	0	10	1	0	0	11	0	1	0	8	0	9	0	0	0	1	0	1	0	0	0	0	0	0	21
5:00 PM	0	13	0	0	0	13	1	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	17
5:15 PM	0	15	0	0	0	15	0	0	0	12	0	12	0	0	0	2	2	2	0	0	0	0	2	0	29
5:30 PM	0	14	0	0	0	14	1	0	0	4	0	5	0	0	0	1	0	1	0	0	0	0	0	0	20
Peak Hour Total	0	52	1	0	0	53	2	1	0	27	1	30	0	0	0	4	2	4	0	0	0	0	2	0	87
PHF	0.000	0.867	0.250	0.000	0.000	0.883	0.500	0.250	0.000	0.563	0.250	0.625	0.000	0.000	0.000	0.500	0.250	0.500	0.000	0.000	0.000	0.000	0.250	0.000	0.750

	Total Vehic es Entering ntersection		138 Vehicles Exiting Intersection 52											
Southbound														
Cars	0	4	77	77 0 0										
Heavy	0	0	5	5 0										
Total	0	4	82	0	0									
			L	ŀ	<u>خ</u> ې ۲									

	Vehicles		Cars	Heavy	Total	
Total	Entering		2	0	2	Ś
Vehicles on Leg	0	puno	0	0	0	
0	Vehicles	Eastbound	0	0	0	
	Exiting		0	0	0	-
	0		0	0	0	-

Cars	Heavy	Total		Vehicles	
50	1	51		Entering	Total
0	0	0	Westbound	55	Vehicles on Leg
2	0	2	bound	Vehicles	150
2	0	2		Exiting	
1	0	1		95	

Vehicles		Gais	пеачу	TOLAI	
Entering Intersection		2	0	2	<i>∱</i> \$∱
0	Eastbound	0	0	0	2
Vehicles	Eastb	0	0	0	J
Exiting		0	0	0	➡
0		0	0	0	7

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Daily Volumes

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		-	-	-	-
Cars	2	0	0	1	11
Heavy	0	0	0	0	0
Total	2	0	0	1	11
		North	bound		
Vehicle I	es Entering ntersection	12		s Exiting ection	6
	Total Vehic	les On Leg		18	

Flightaway and Private Drive 0 0 Tuesday, April 9, 2024 AM Peak Hour

	AM Peak Hour																								
			South	oound					Westb	ound					North	oound			Eastbound						
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	VEHICLE TOTAL
7:45 AM	0	0	6	7	0	13	0	0	0	0	0	0	0	4	5	0	0	9	0	0	0	0	0	0	22
8:00 AM	0	0	6	7	0	13	0	0	0	0	0	0	0	6	4	0	0	10	0	4	0	3	0	7	30
8:15 AM	0	0	1	6	0	7	0	0	0	0	0	0	0	3	5	0	0	8	0	5	0	0	0	5	20
8:30 AM	0	0	4	7	0	11	0	0	0	0	0	0	0	6	8	0	0	14	0	1	0	1	0	2	27
Peak Hour Total	0	0	17	27	0	44	0	0	0	0	0	0	0	19	22	0	0	41	0	10	0	4	0	14	99
PHF	0.000	0.000	0.708	0.964	0.000	0.846	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.792	0.688	0.000	0.000	0.732	0.000	0.500	0.000	0.333	0.000	0.500	0.825

	Total Vehic es Entering ntersection	eles On Leg 85	Vehicle	148 es Exiting section	63
		South	bound		
Cars	59	22	0	0	0
Heavy	0	4	0	0	0
Total	59	26	0	0	0
	J	Ŧ	Ļ	ŀ	<i>خ</i> ې

	Vehicles		Cars	Heavy	Total	
Total	Entering		2	0	2	Ś
Vehicles on Leg	18	Eastbound	0	0	0	
104	Vehicles	Eastb	13	0	13	1
	Exiting		0	0	0	
	86		5	0	5	

	Cars	Heavy	Total		Vehicles	
L F	0	0	0		Entering	Total
-	0	0	0	Westbound	0	Vehicles on Leg
ſ	0	0	0	bound	Vehicles	0
۲ ۲	0	0	0		Exiting	
5.7	0	0	0		0	

	Vehicles					
	Entering		2	0	2	\$\$!
is J	18	Eastbound	0	0	0	5
	Vehicles	Eastb	13	0	13	J
	Exiting		0	0	0	⇒
	86		5	0	5	J

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Daily Volumes

		-	-	-	-			
Cars	0	0	27	50	0			
Heavy	0	0	0	0 0				
Total	0	0	27	50	0			
		North	bound					
Vehicle I	es Entering ntersection	77		s Exiting ection	31			
	Total Vehic	les On Leg		108				

CAM4-Flightway Ave and Private Driveway - PM

0 0 Tuesday, April 9, 2024

											Р	M Peak H	lour												
			South	ound					Westb	ound					North	bound					Eastb	ound			
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	VEHICLE TOTAL
4:30 PM	0	0	11	0	0	11	0	0	0	0	0	0	0	0	7	0	0	7	0	10	0	2	0	12	30
4:45 PM	0	0	9	1	0	10	0	0	0	0	0	0	0	1	3	0	0	4	0	8	0	3	0	11	25
5:00 PM	0	0	16	0	0	16	0	0	0	0	0	0	0	0	8	0	0	8	0	6	0	4	0	10	34
5:15 PM	0	0	5	3	0	8	0	0	0	0	0	0	0	5	8	0	0	13	0	4	0	4	1	8	29
Peak Hour Total	0	0	41	4	0	45	0	0	0	0	0	0	0	6	26	0	0	32	0	28	0	13	1	41	118
PHF	0.000	0.000	0.641	0.333	0.000	0.703	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.300	0.813	0.000	0.000	0.615	0.000	0.700	0.000	0.813	0.250	0.854	0.868

	Total Vehic es Entering ntersection	les On Leg 94	Vehicle	173 is Exiting section	79
		South	bound		
Cars	8	82	0	0	0
Heavy	1	3	0	0	0
Total	9	85	0	0	0
			L		ś

	Vehicles		Cars	Heavy	Total	
Total	Entering		1	0	1	ふ片
Vehicles on Leg	58	puno	0	0	0	2
74	Vehicles	Eastbound	35	0	35	J
	Exiting		0	0	0	⇒
	16		22	1	23	7

Cars	Heavy	Total		Vehicles	
0	0	0		Entering	Total
0	0	0	Westbound	0	Vehicles on Leg
0	0	0	bound	Vehicles	0
0	0	0		Exiting	
0	0	0		0	

		0		00/1
puno	0	0	0	2
Eastbound	35	0	35	J
	0	0	0	➡
	22	1	23	7

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Daily Volumes

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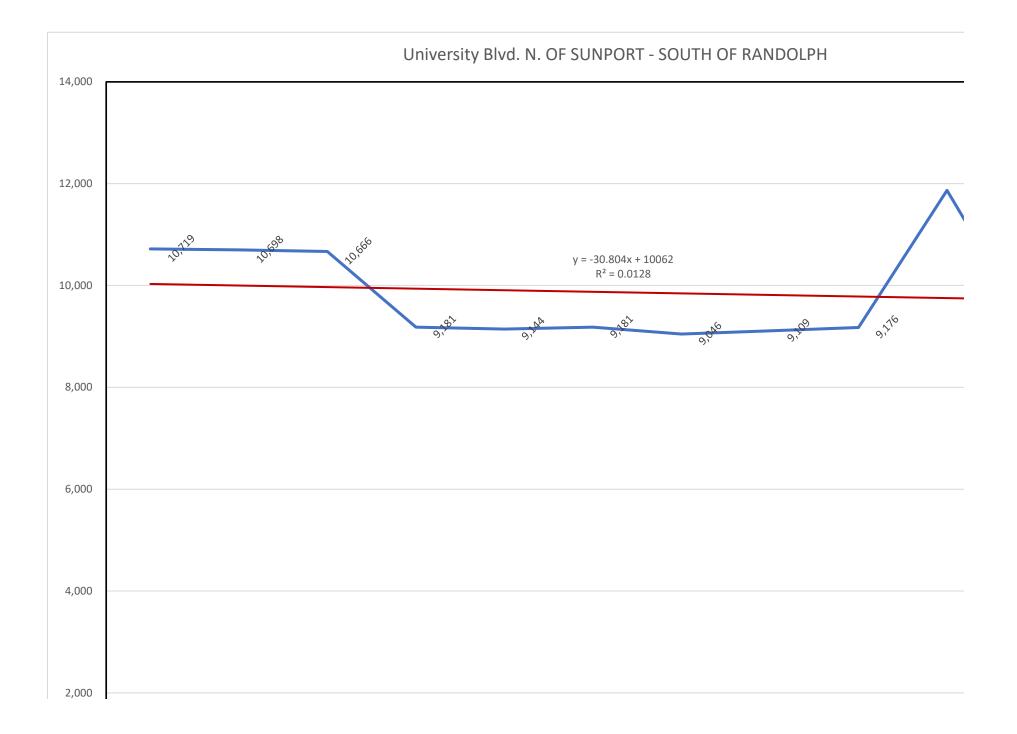
				_				
Cars	0	0	7	44	0			
Heavy	0	0	0	0 0				
Total	0	0	7	44	0			
			bound					
Vehicle I	es Entering ntersection	51		s Exiting ection	108			
	Total Vehic	les On Leg		159				

Appendix 06

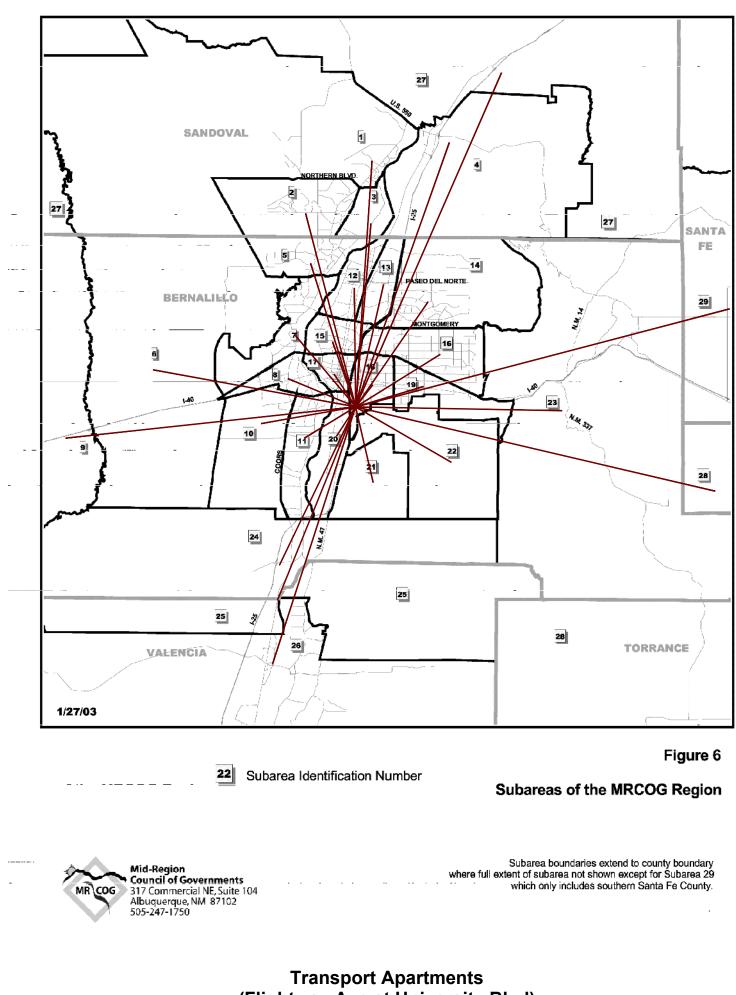
Historic Growth Data Table Transport Apartments (Flightway Ave /University Blvd)

Traffic Flows (AWDT) from Mid-Region Council of Governments

COG ID	Location	Paseo del Norte and Holbrook										
Intersection #1:	UNIVERSITY / Not Found											
	Street:	From:	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019



Appendix 07



(Flightway Ave at University Blvd) Residential Trip Distribution Subarea Map

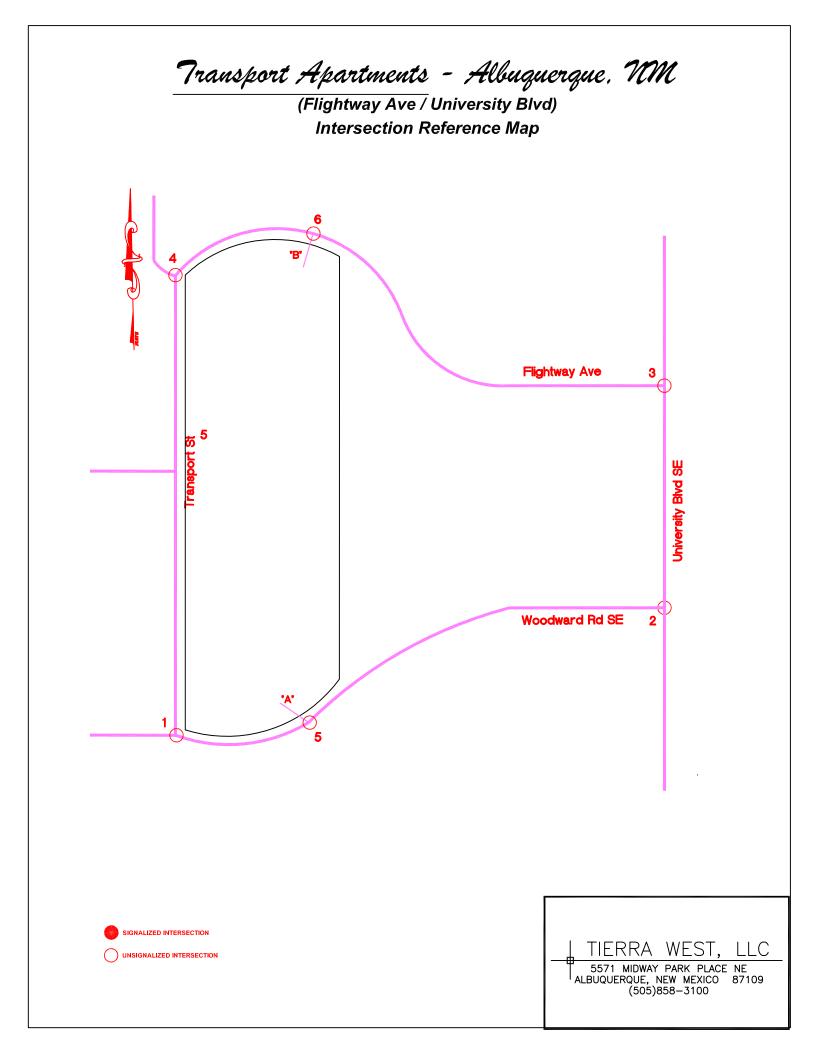
Trip Distribution Table Project Name: Transport Apartments

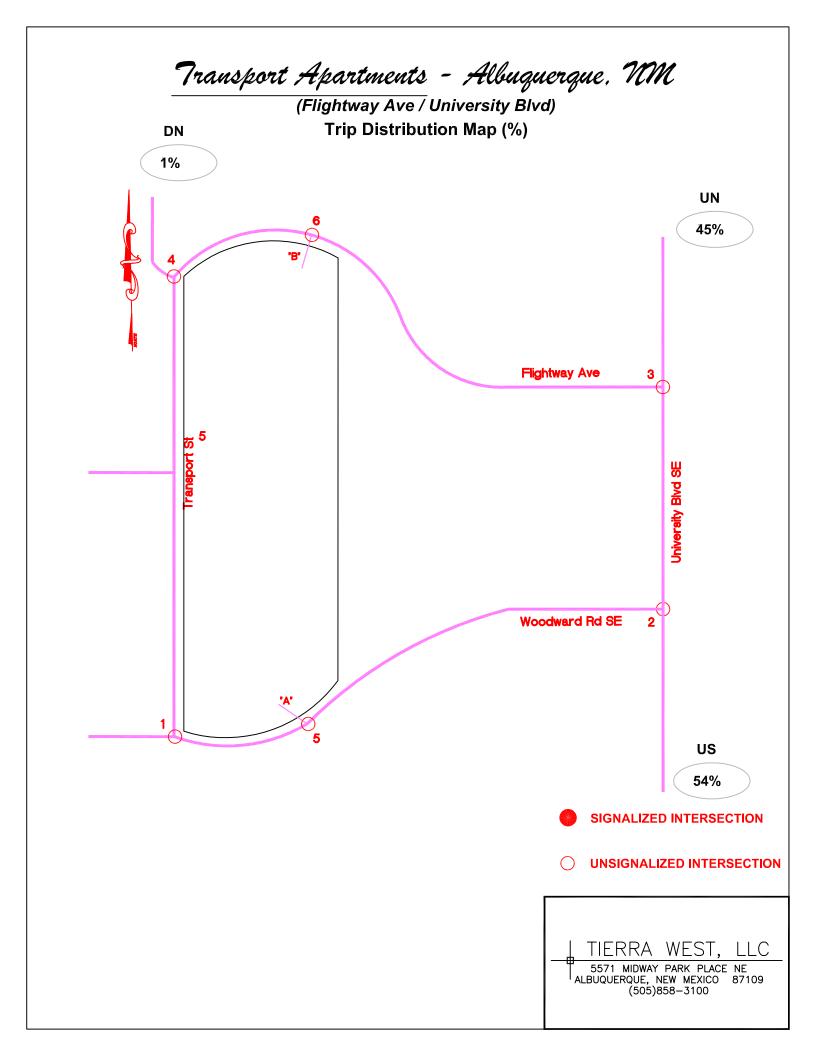
Sub Area Employment Data:

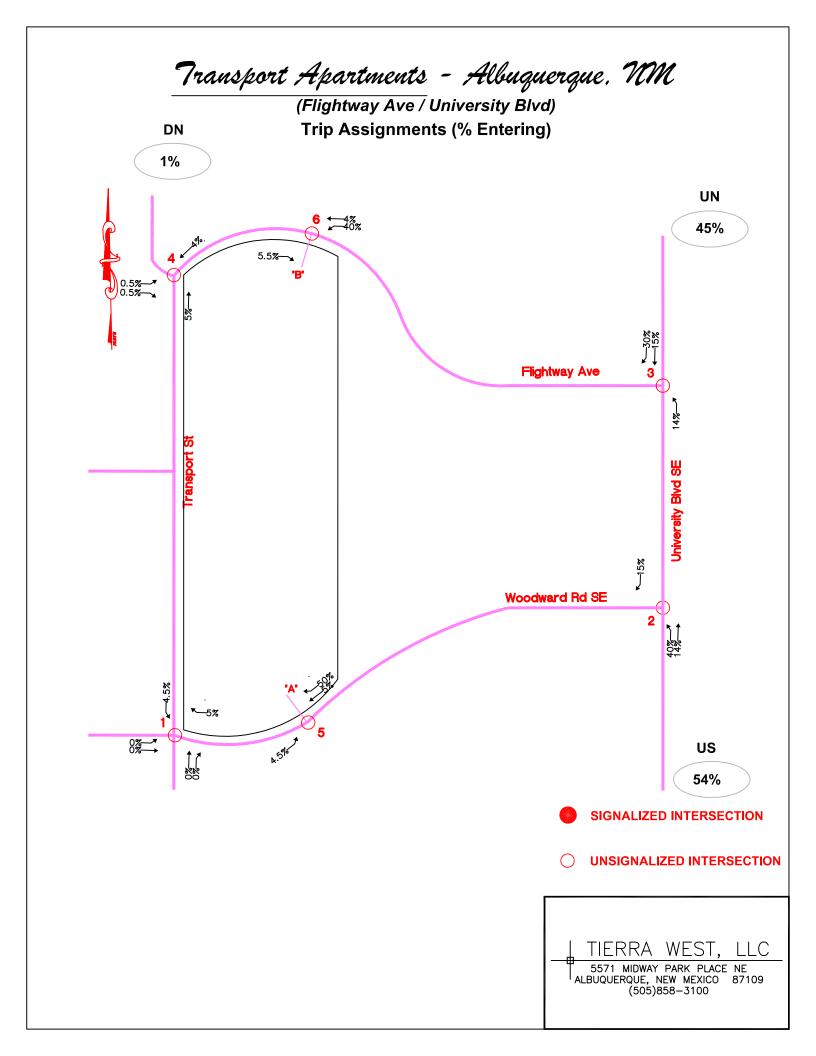
For determination of Trip Distribution for Proposed Residential Development Trips

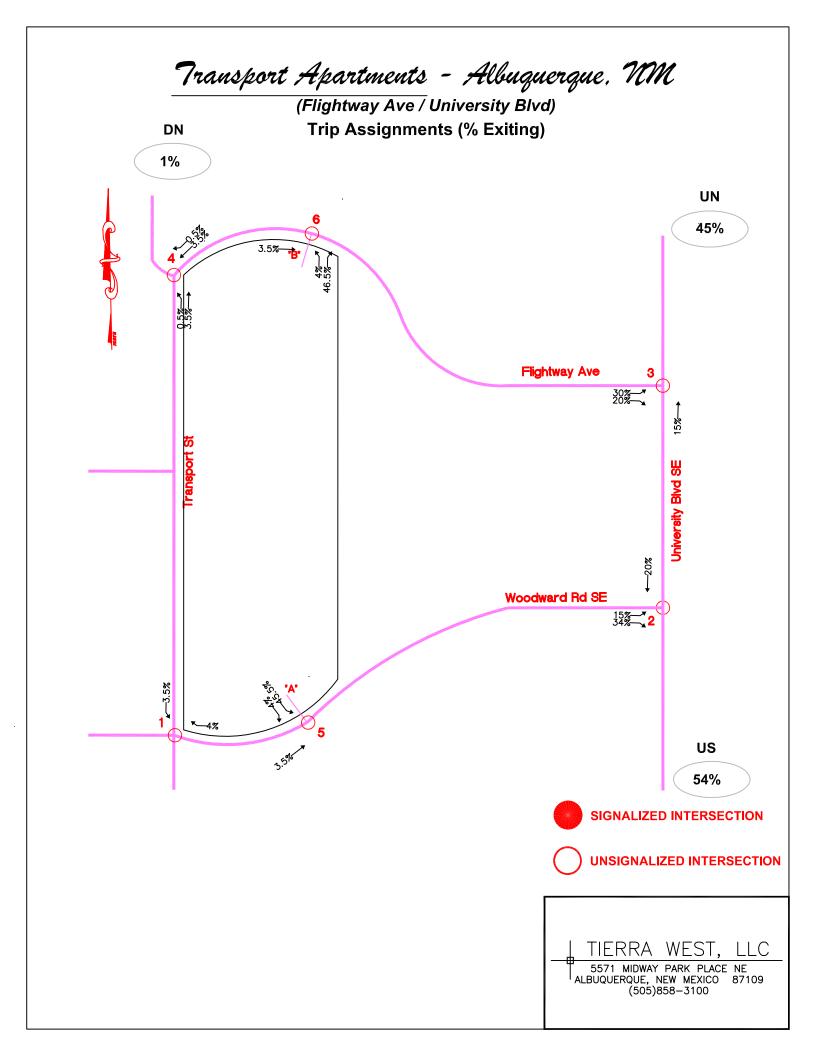
2016 and 2040 Data Taken from Mid-Region Council of Governments' 2040 Data Set Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

								UNW)			(US)			(DN)			
								University Blvd. North			University Blvd. South			DaVita North			
Sub Area I.D.#	% Sub Area in Study	2016 Employment	2040 Employment	Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	% Employment / Distance	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
		2016	2040	2025													
1	100%	8,354	11,675	9,599					20%	0.14%	117		0.57%	468		0.00%	
2	100%	16,637	19,808	17,826					20%	0.32%	268		1.30%	1,072	0%	0.00%	
3	100%	1,731	1,938	1,809				0.18%	20%	0.04%	29		0.14%	118		0.00%	
4	100%	3,725	4,083	3,859					20%	0.05%	41		0.20%	165	0%	0.00%	
5	100%	13,625	15,349	14,272	14,272			1.73%	20%	0.35%	285		1.38%	1,142		0.00%	
6	100%	1,113	4,263	2,294	2,294		167	0.20%	30%	0.06%	50		0.14%	117		0.00%	
7	100%	9,234	11,922	10,242					30%	0.59%	488		1.38%	1,138	0%	0.00%	
8	100%	9,101	12,837	10,502			,	2.59%	50%	1.30%	1,072		1.30%	1,072	0%	0.00%	-
9	100%	724	1,023	836					20%	0.01%	9		0.04%	34		0.00%	
10	100%	3,409	5,330	4,129				0.78%	20%	0.16%	129		0.62%	516		0.00%	
11	100%	5,699	6,882	6,143					20%	0.37%	307		1.49%	1,229	0%	0.00%	
12	100%	6,287	7,474	6,732					20%	0.21%	170		0.82%	682	0%	0.00%	
13	100%	38,387	42,986	40,112		-	, -	5.78%	20%	1.16%	955		4.62%	3,820	0%	0.00%	
14	100%	37,195	40,809	38,550	38,550			5.49%	20%	1.10%	907	80%	4.39%	3,628	0%	0.00%	
15	100%	17,358	20,784	18,643				4.90%	20%	0.98%	811	80%	3.92%	3,242	0%	0.00%	
16	100%	54,135	60,416	56,490	56,490				80%	8.29%	6,847		2.07%	1,712	0%	0.00%	
17	100%	40,280	48,177	43,241	43,241			20.13%	50%	10.06%	8,316		10.06%	8,316	0%	0.00%	
18	100%	32,770		34,733					75%	16.59%	13,710		4.42%	3,656		1.11%	
19	100%	24,729	28,854	26,276				6.77%	50%	3.38%	2,795		3.38%	2,795	0%	0.00%	
20	100%	5,978	8,831	7,048				3.71%	0%	0.00%	0		3.71%	3,064	0%	0.00%	
21	100%	1,755	4,714	2,865	2,865			0.67%	0%		0	100%	0.67%	551	0%	0.00%	
22	100%	28,349	31,083	29,374	29,374				0%	0.00%	0	100%	4.80%	3,969		0.00%	
23	100%	2,923	3,349	3,083	3,083	13.8	223	0.27%	0%	0.00%	0	100%	0.27%	223	0%	0.00%	, 0
24	100%	1,271	1,266	1,269	1,269	11.7	108	0.13%	0%	0.00%	0	100%	0.13%	108	0%	0.00%	
25	100%	112	112	112	112	13.9	8	0.01%	0%	0.00%	0	100%	0.01%	8	0%	0.00%	
26	100%	17,882	21,300	19,164	19,164	18	1,065	1.29%	0%	0.00%	0	100%	1.29%	1,065	0%	0.00%	0
27	100%	5,846	6,024	5,913	5,913	24.3	243	0.29%	20%	0.06%	49	80%	0.24%	195	0%	0.00%	0
28	100%	4,338	5,143	4,640	4,640	24.6	189	0.23%	80%	0.18%	151	20%	0.05%	38	0%	0.00%	0
29	100%	1,784	2,111	1,907	1,907	25.8	74	0.09%	80%	0.07%	59	20%	0.02%	15	0%	0.00%	
		394,731	466,547	421,662	421,662		82,639	100.00%		45.46%	37,566		53.44%	44,159		1.11%	914
											45.46%			53.44%			1.11%
* - Subarea in which the site it located.										Use 45%			Use 54%			Use 1%	









Appendix 08

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements SUMMARY PROPOSED DEVELOPMENT (2025) - 100% Development

INTERSECTION:

	5	5	u	m	m	а	r	У	
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Woodward Rd / Transport St		1.00			1.00			1.00			1.00	PHF
(1)	Eastbo	und (Woodw	ard Rd)	Westbou	nd (Woodv	(ard Rd)	Northbo	ound (Trans	port St)	Southbo	ound (Trans	
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0		0	1	0	52	0	1	12	71	0	0
2025 (NO BUILD - A.M.)	0	0	0	1	0	52	0	1	12	71	0	0
2025 (BUILD - A.M.)	Ő	Ő	Ő	1	Ő	57	Ő	1	12	75	Õ	Ů
	Ţ	1.00			1.00		-	1.00			1.00	PHF
Г	Eastbou	und (Woodw	ard Rd)	Westbou	nd (Woodv	/ard Rd)	Northbo	ound (Trans	port St)	Southbo	ound (Trans	port St)
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	0	0	4	0	51	0	1	11	82	4	0
2025 (NO BUILD - P.M.)	0	0	0	4	0	51	0	1	11	82	4	0
2025 (BUILD - P.M.)	0	0	0	4	0	57	0	1	11	87	4	0
Woodward Rd / University Bl	_	1.00			1.00			1.00			1.00	PHF
(2)		und (Woodw			nd (Woodv	,		Ind (Univers			Ind (Univers	
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	55	0	186	0	0	0	106	873	0	0	478	32
2025 (NO BUILD - A.M.)	55	0	187	0	0	0	107	877	0	0	480	32
2025 (BUILD - A.M.)	66	0	213	0	0	0	119	881	0	0	495	37
-	F 41	1.00		14/	1.00	and Dall	Mandala and	1.00	the Direction	0	1.00	PHF
-	Left	und (Woodw	,	Left	nd (Woodv Thru	,		Ind (Univers Thru			Ind (Univers	
		Thru	Right			Right	Left		Right	Left	Thru	Right
Existing (2024) 2025 (NO BUILD - P.M.)	75 75	0	163 164	0	0	0	173 174	587 590	0	0	836 840	69 69
2025 (NO BOILD - P.M.) 2025 (BUILD - P.M.)	73 83	0	104	0	0	0	205	601	0	0	840 851	89 81
2023 (BUILD - P.M.)	03	U	105	U	U	U	205	001	U	U	001	01
Flightway Ave / University Bly	vd	1.00			1.00			1.00			1.00	PHF
Flightway Ave / University Blo (3)		1.00 und (Flightw	ay Ave)	Westbou	1.00 nd (Flightw	vay Ave)	Northbou	1.00 Ind (Univers	ity Blvd)	Southbou	1.00 Ind (Univers	PHF sity Blvd)
			ay Ave) Right	Westbou Left		/ay Ave) Right	Northbou Left		i ity Blvd) Right	Southbou Left		
(3)	Eastbou	und (Flightw			nd (Flightv			Ind (Univers			Ind (Univers	ity Blvd)
(3) 3% Truck	Eastbou Left	u nd (Flightw Thru	Right	Left	nd (Flightv Thru	Right	Left	ind (Univers Thru	Right	Left	ind (Univers Thru	ity Blvd) Right
(3) 3% Truck Existing (2024)	Eastbou Left 50	u <mark>nd (Flightw</mark> Thru 0	Right 35	Left 0	nd (Flightw Thru 0	Right 0	Left 75	ind (Univers Thru 853	Right 0	Left 0	ind (Univers Thru 474	iity Blvd) Right 40
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.)	Eastbou Left 50 50	und (Flightw Thru 0 0	Right 35 35	Left 0 0	nd (Flightw Thru 0 0	Right 0 0	Left 75 75	Ind (Univers Thru 853 857	Right 0 0	Left 0 0	Ind (Univers Thru 474 476	ity Blvd) Right 40 40
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.)	Eastbou Left 50 50 73 Eastbou	und (Flightw Thru 0 0 0	Right 35 35 35 50 50	Left 0 0 0	nd (Flightw Thru 0 0 0	Right 0 0 0 0 0 0 0 0 0	Left 75 75 79	ind (Univers Thru 853 857 868	Right 0 0 0	Left 0 0 0 0 Southbou	Ind (Univers Thru 474 476 481	ity Blvd) Right 40 40 49 PHF
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.)	Eastbou Left 50 50 73 Eastbou Left	und (Flightw Thru 0 0 0 1.00 und (Flightw Thru	Right 35 35 35 50 50 ray Ave) Right	Left 0 0 0 Westbou Left	nd (Flightw Thru 0 0 0 1.00 nd (Flightw Thru	Right 0 0 0 0 vay Ave) Right	Left 75 75 79 Northbou Left	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru	Right 0 0 0 0 ity Blvd) Right	Left 0 0 0 Southbou Left	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru	ity Blvd) Right 40 40 49 PHF ity Blvd) Right
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024)	Eastbou Left 50 50 73 Eastbou Left 62	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0	Right 35 35 35 50 50 ray Ave) Right 48 48	Left 0 0 0 0 Westbou Left 0	nd (Flightw Thru 0 0 0 1.00 nd (Flightw Thru 0	Right 0 0 0 0 0 0 0 /ay Ave) Right Right 0	Left 75 75 79 Northbou Left 40	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625	Right 0 0 0 0 0 0 0 0 0 ity Blvd) Right Right 0	Left 0 0 0 0 Southbou Left 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853	ity Blvd) Right 40 40 49 PHF ity Blvd) Right 74
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.)	Eastbou 50 50 73 Eastbou Left 62 62	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0	Right 35 35 35 50 35 Right 48 48 48	Left 0 0 0 0 Westbou Left 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 0	Right 0 0 0 0 0 vay Ave) Right 0 0	Left 75 75 79 Northbou Left 40 40	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628	Right 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857	ity Blvd) Right 40 40 49 PHF ity Blvd) Right 74 74
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024)	Eastbou Left 50 50 73 Eastbou Left 62	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0	Right 35 35 35 50 50 ray Ave) Right 48 48	Left 0 0 0 0 Westbou Left 0	nd (Flightw Thru 0 0 0 1.00 nd (Flightw Thru 0	Right 0 0 0 0 0 0 0 /ay Ave) Right Right 0	Left 75 75 79 Northbou Left 40	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625	Right 0 0 0 0 0 0 0 0 0 ity Blvd) Right Right 0	Left 0 0 0 0 Southbou Left 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853	ity Blvd) Right 40 40 49 PHF ity Blvd) Right 74
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.)	Eastbou 50 50 73 Eastbou Left 62 62	und (Flightw Thru 0 0 1.00 1.00 1.00 1.00 1.00 0 0 0 0 0	Right 35 35 35 50 35 Right 48 48 48	Left 0 0 0 0 Westbou Left 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 0 0	Right 0 0 0 0 0 vay Ave) Right 0 0	Left 75 75 79 Northbou Left 40 40	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636	Right 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869	ity Blvd) Right 40 40 49 PHF ity Blvd) Right 74 74 97
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St	Eastbou 50 50 73 Eastbou Left 62 62 79	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 0 1.00 1.00	Right 35 35 35 35 50 ray Ave) Right 48 48 48 59	Left 0 0 0 0 0 Uestbou Left 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 1.00	Right 0 0 0 0 0 ray Ave) Right 0 0 0 0 0 0	Left 75 75 79 Northbou Left 40 40 51	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00	Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 0 Southbou Left 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00	ity Blvd) Right 40 40 40 PHF Right Right 74 74 97 PHF
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4)	Eastboo Left 50 50 73 Eastboo Left 62 62 79 Eastb	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 35 35 35 50 50 ray Ave) Right 48 48 48 59 ta Dr) Image: Constraint of the second secon	Left 0 0 0 0 0 Uestbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 0 1.00 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 ray Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 75 79 Northbou Left 40 40 51	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 1.00 Dund (Trans	Right 0 0 0 0 0 0 0 ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 0 0 Left 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Trans	ity Blvd) Right 40 40 40 49 PHF Right 74 74 97 PHF port St)
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck	Eastbou Left 50 50 73 Eastbou Left 62 62 79 Eastb Eastbou Left Left	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 0 1.00 0 1.00 0 0 1.00 0 1.00 0 1.00 0 0 0	Right 35 35 35 50 50 ray Ave) Right 48 48 48 59 ta Dr) Right	Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 0 1.00 0 0 1.00 0 0 1.00 0 0 1.00 0 0 0 1.00 0 0 1.00 0 0 0 1.00 0 0 0 1.00 0 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 ray Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 75 79 Northbou Left 40 40 51 Northbo Left	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 000 000 000 000 000 000 00	Right 0 0 0 0 0 0 0 ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 0 0 0 0 0 0 0 0 Left Left	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Trans Thru	Bity Blvd) Right 40 40 40 40 80 PHF Right 74 74 97 PHF PHF Right
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024)	Eastboo Left 50 50 73 Eastboo Left 62 62 79 Eastb	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 35 35 35 50 50 ray Ave) Right 48 48 48 59 ta Dr) Image: Constraint of the second secon	Left 0 0 0 0 0 Uestbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 0 1.00 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 ray Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 75 79 Northbou Left 40 40 51	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 1.00 Dund (Trans	Right 0 0 0 0 0 0 0 ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 0 0 Left 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Trans	ity Blvd) Right 40 40 40 49 PHF Right 74 74 97 PHF port St)
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.)	Eastbou Left 50 50 73 Eastbou Left 62 62 79 Eastbou Left Left 13	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 0 1.00 0 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 35 35 35 50 50 ay Ave) Right 48 48 48 59 ta Dr) Right 51 50	Left 0 0 0 0 0 0 0 Uestbou Left 0 0 0 0 0 Uestb Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 0 1.00 0 1.00 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 1.00 0 0 1.00 0 0 0 1.00 0 0 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 vay Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 75 79 Northbou Left 40 40 51 51 Northbo Left 27	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 000 000 000 000 000 000 00	Right 0 0 0 0 0 0 0 ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 pund (Trans Thru 26	Right 40 40 40 40 40 80 PHF Right 74 74 97 PHF port St) Right 59
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024)	Eastbou Left 50 50 73 Eastbou Left 62 62 79 Eastbou Left 13 13	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 35 35 35 50 50 ay Ave) Right 48 48 48 59 ta Dr) Right 55 5	Left 0 0 0 0 0 0 0 Uestbou Left 0 0 0 0 0 0 Uestbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 0 1.00 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 79 Northbou Left 40 40 51 51 Northbo Left 27 27	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 50 50	Right 0 0 0 0 0 0 0 ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Transport Thru 26 26	Right 40 40 40 40 40 97 PHF 74 74 74 97 PHF Right 81 74 59 59
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.)	Eastbou 50 50 73 Eastbou Left 62 62 62 79 Easttl Left 13 13 13 13	und (Flightw Thru 0 0 1.00 und (Flightw Thru 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 35 35 50 ay Ave) Right 48 48 48 59 Right 5 50 5 50 5	Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 0 1.00 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 79 Northbou Left 40 40 51 51 Northbo Left 27 27 27 27	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 50 50 55	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 500 500 500 500 500 500 500	ity Blvd) Right 40 40 40 PHF ity Blvd) Right 74 74 97 PHF port St) Right 59 59 59 PHF
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.)	Eastbou 50 50 73 Eastbou Left 62 62 62 79 Easttl Left 13 13 13 13	Ind (Flightw Thru 0 0 0 0 1.00 Ind (Flightw 0	Right 35 35 50 ay Ave) Right 48 48 48 59 Right 5 50 5 50 5	Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 79 Northbou Left 40 40 51 51 Northbo Left 27 27 27 27	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 Dund (Trans Thru 50 50 55 1.00	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Trans Thru 26 26 30 1.00	Right 40 74 74 97 PHF port St) Right 59 59 59 59 59 59 59 59 59 59 59 59
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) Existing (2024) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.)	Eastbou Left 50 50 73 Eastbou Left 62 62 62 79 Eastt Left 13 13 13 13 13	Ind (Flightw Thru 0 0 0 0 1.00 Ind (Flightw 0	Right 35 35 35 50 50 Right 48 48 48 59 5 Right 5 55 5 5 5 5 5 5 5 40 5	Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 0 1.00 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 75 79 Northbou Left 40 40 51 51 Northbou Left 27 27 27 27	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 Dund (Trans 50 50 55 1.00 Dund (Trans	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Trans 26 26 30 1.00 Dund (Trans	Right 40 74 74 97 PHF port St) Right 59 59 59 59 59 59 59 59 59 59 59 59 59 59 59 59 59
(3) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.) 2025 (NO BUILD - P.M.) 2025 (NO BUILD - P.M.) 2025 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2025 (NO BUILD - A.M.) 2025 (BUILD - A.M.)	Eastbou Left 50 50 73 Eastbou Left 62 62 62 79 79 Eastt Left 13 13 13 13 13 Left	Ind (Flightw Thru 0 0 0 0 0 1.00 Ind (Flightw 0	Right 35 35 35 35 50 ay Ave) Right 48 48 48 59 ka Dr) Right 5 5 5 5 5 5 8 59	Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Flightw Thru 0 0 1.00 nd (Flightw Thru 0 0 1.00 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 0	Left 75 75 79 Northbou Left 40 40 40 51 51 Northbou Left 27 27 27 27 27 Left	Ind (Univers Thru 853 857 868 1.00 Ind (Univers Thru 625 628 636 1.00 Dund (Trans Thru 50 50 55 1.00 Dund (Trans Thru	Right 0 0 0 0 0 0 0 Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	Ind (Univers Thru 474 476 481 1.00 Ind (Univers Thru 853 857 869 1.00 Dund (Trans Thru 26 26 30 1.00 Dund (Trans Thru	Right 40 74 74 97 PHF Port St) Right 59 59 59 59 59 59 Full Right

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements SUMMARY PROPOSED DEVELOPMENT (2025) - 100% Development

INTERSECTION:	Su	mma	r y									
Woodward Rd / Driveway "A		1.00			1.00			1.00			1.00	PHF
(5)	Eastbou	ind (Woodw	ard Rd)	Westbou	und (Woodw	/ard Rd)	Northbo	und (Drivew	/ay "A")	Southbo	und (Drivev	vay "A")
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	83	0	0	53	0	0	0	0	0	0	0
2025 (NO BUILD - A.M.)	0	83	0	0	53	0	0	0	0	0	0	0
2025 (BUILD - A.M.)	1	86	0	0	55	16	0	0	0	34	0	3
		1.00			1.00			1.00			1.00	PHF
	Eastbou	ind (Woodw	ard Rd)	Westbou	und (Woodw	/ard Rd)	Northbo	und (Drivew	/ay "A")	Southbo	und (Drivev	vay "A")
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	93	0	0	55	0	0	0	0	0	0	0
2025 (NO BUILD - P.M.)	0	93	0	0	55	0	0	0	0	0	0	0
2025 (BUILD - P.M.)	3	95	0	0	59	39	0	0	0	25	0	2
-												
Flightway Ave / Driveway "B'	<u>.</u>	1.00			1.00			1.00			1.00	PHF
(6)	Eastbou	ind (Flightw	ay Ave)	Westbou	und (Flightw	ay Ave)	Northbo	und (Drivew	/ay "B")	Southbo	und (Drivev	vay "B")
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	63	0	0	85	0	0	0	0	0	0	0
2025 (NO BUILD - A.M.)	0	63	0	0	85	0	0	0	0	0	0	0
2025 (BUILD - A.M.)	0	66	2	12	86	0	3	0	35	0	0	0
-		1.00			1.00			1.00			1.00	PHF
	Eastbou	Ind (Flightw	ay Ave)	Westbou	und (Flightw	ay Ave)	Northbo	und (Drivew	/ay "B")	Southbo	und (Drivev	vay "B")
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	79	0	0	94	0	0	0	0	0	0	0
2025 (NO BUILD - P.M.)	0	79	0	0	94	0	0	0	0	0	0	0
2025 (BUILD - P.M.)	0	81	4	31	97	0	2	0	26	0	0	0

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Woodward Rd / Transport St

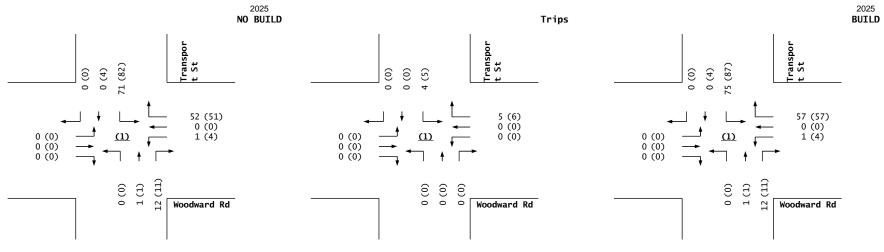
INTERSECTION:	E-W Street: N-S Street:	Woodward Transport			(1)								
Year of Existing Counts	2024												
Horizon Year	2025												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	Ind (Woodw	ard Rd)	Westbou	nd (Woodw	ard Rd)	Northbo	ound (Trans	port St)	Southbo	ound (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	0	0	1	0	52	0	1	12	71	0	0
Background Traffic Growth		0	0	0	0	0	0	0	0	0	0	0	0
Subtotal (NO BUILD -	A.M.)	0	0	0	1	0	52	0	1	12	71	0	0
Percent Residential Trips Genera	ated(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%
Percent Residential Trips Gener	rated(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	3.50%	0.00%	0.00%
Total Trips Generated		0	0	0	0	0	5	0	0	0	4	0	0
Subtotal AM Pk Hr. BUILD Vol	lumes	0	0	0	1	0	57	0	1	12	75	0	0
Total AM Peak Hour	BUILD Volumes	0	0	0	1	0	57	0	1	12	75	0	0
		Eastbou	Ind (Woodw	ard Rd)	Westbou	nd (Woodw	ard Rd)	Northbo	ound (Trans	port St)	Southbo	ound (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	0	0	4	0	51	0	1	11	82	4	0
Background Traffic Growth		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal (NO BUILD -	P.M.)	0	0	0	4	0	51	0	1	11	82	4	0
Percent Residential Trips Genera	ated(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%
Percent Residential Trips Gener	ated(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	3.50%	0.00%	0.00%
Total Trips Generated		0	0	0	0	0	6	0	0	0	5	0	0
						0	57	0	4	4.4	07	4	0
Subtotal PM Pk Hr. BUILD Vol	umes	0	0	0	4	U	57	-	1	11	87	4	U
Subtotal PM Pk Hr. BUILD Vol Total PM Peak Hour		0 0	0 0	0 0	4	0	57 57	0	1	11	87 87	4	0

Number of Residential Trips Generated

 attering
 Exiting

 31
 75
 A.M.

 77
 55
 P.M.



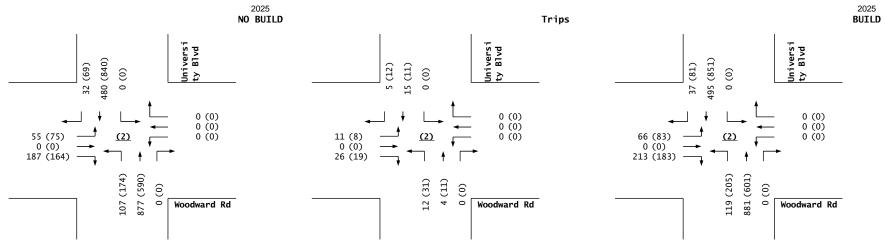
Woodward Rd / Transport St

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Woodward Rd / University Blvd

INTERSECTION:	E-W Street: N-S Street:	Woodward University			(2)								
Year of Existing Counts	2024	-											
Horizon Year	2025												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	nd (Woodw	ard Rd)	Westbou	und (Woodw	ard Rd)	Northbou	und (Univers	sity Blvd)	Southbou	und (Univers	sity Blvd)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		55	0	186	0	0	0	106	873	0	0	478	32
Background Traffic Growth		<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	4	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>
Subtotal (NO BUILD -	A.M.)	55	0	187	0	0	0	107	877	0	0	480	32
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	14.00%	0.00%	0.00%	0.00%	15.00%
Percent Residential Trips Gener	ated(Exiting)	15.00%	0.00%	34.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%
Total Trips Generated		11	0	26	0	0	0	12	4	0	0	15	5
Subtotal AM Pk Hr. BUILD Vol	umes	66	0	213	0	0	0	119	881	0	0	495	37
Total AM Peak Hour	BUILD Volumes	66	0	213	0	0	0	119	881	0	0	495	37
				-									
			nd (Woodw	,		und (Woodw	,		und (Univers	sity Blvd)		und (Univers	
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		75	0	163	0	0	0	173	587	0	0	836	69
Background Traffic Growth		<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>0</u>	<u>0</u>	4	<u>0</u>
Subtotal (NO BUILD -		75	0	164	0	0	0	174	590	0	0	840	69
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	14.00%	0.00%	0.00%	0.00%	15.00%
Percent Residential Trips Gener	ated(Exiting)	15.00%	0.00%	34.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%
Total Trips Generated		8	0	19	0	0	0	31	11	0	0	11	12
Subtotal PM Pk Hr. BUILD Vol	umes	83	0	183	0	0	0	205	601	0	0	851	81
Total PM Peak Hour	BUILD Volumes	83	0	183	0	0	0	205	601	0	0	851	81
		Entering	Exiting										

Number of Residential Trips Generated

Entering Exiting **31 75** A.M. **77 55** P.M.



Woodward Rd / University Blvd

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Flightway Ave / University Blvd

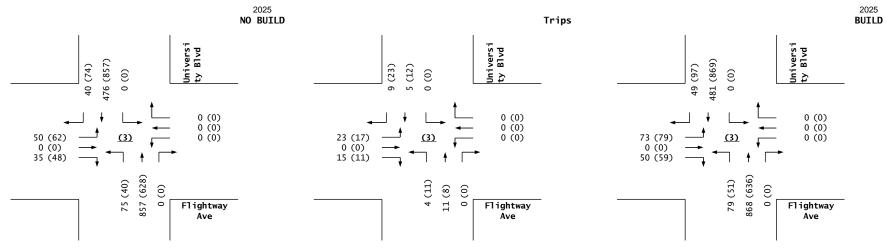
INTERSECTION:	E-W Street: N-S Street:	Flightway / University			(3)								
Year of Existing Counts	2024												
Horizon Year	2025												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	nd (Flightw	/ay Ave)	Westbou	Ind (Flightwa	ay Ave)	Northbou	und (Univers	ity Blvd)	Southbou	und (Univers	ity Blvd)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		50	0	35	0	0	0	75	853	0	0	474	40
Background Traffic Growth		0	0	0	0	0	0	0	4	0	0	2	0
Subtotal (NO BUILD -	A.M.)	50	0	35	0	0	0	75	857	0	0	476	40
Percent Residential Trips Genera	ated(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.00%	0.00%	0.00%	0.00%	15.00%	30.00%
Percent Residential Trips Gener	ated(Exiting)	30.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated		23	0	15	0	0	0	4	11	0	0	5	9
Subtotal AM Pk Hr. BUILD Vol	lumes	73	0	50	0	0	0	79	868	0	0	481	49
Total AM Peak Hour	BLIII D Volumes	73	0	50	0	0	0	79	868	0	0	481	40
	DOILD Volumes	15	U	50	U	U	v	15	000	v	U	401	49
	DOILD VOIUMES	73	U	50	U	U	v	15	000	U	U	401	49
	DOILD VOIUMES	Eastbou	nd (Flightw		Westbou	Ind (Flightwa	•	Northbou	und (Univers	sity Blvd)		und (Univers	
	DOILD VOlumes		· ·			ind (Flightwa Thru	•			iity Blvd) Right	Southbou Left		
Existing Volumes	DOILD VOIDINES	Eastbou Left 62	nd (Flightw	ray Ave) Right	Westbou Left		ay Ave)	Northbou Left 40	und (Univers	Right 0		und (Univers	ity Blvd)
Existing Volumes Background Traffic Growth	DOLD VOIDINES	Eastbou Left 62 0	nd (Flightw Thru	ray Ave) Right	Westbou Left	Thru	ay Ave) Right	Northbou Left 40 <u>0</u>	und (Univers Thru 625 <u>3</u>	Right	Left	u nd (Univers Thru	ity Blvd) Right 74 0
		Eastbou Left 62	nd (Flightw Thru 0	ray Ave) Right 48	Westbou Left	Thru	ay Ave) Right	Northbou Left 40	u nd (Univers Thru	Right 0	Left	und (Univers Thru 853 <u>4</u> 857	ity Blvd) Right
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera	P.M.) ated(Entering)	Eastbou Left 62 0 62 0.00%	nd (Flightw Thru 0 <u>0</u> 0.00%	ray Ave) Right 48 0 48 0.00%	Westboul Left 0 0 0 0 0 0	Thru 0 0 0 0.00%	ay Ave) Right 0 0 0 0.00%	Northbou Left 40 <u>0</u> 40 14.00%	und (Univers Thru 625 <u>3</u> 628 0.00%	Right 0 0 0 0 0 0 0	Left 0 0 0 0.00%	und (Univers Thru 853 <u>4</u> 857 15.00%	ity Blvd) Right 74 0 74 30.00%
Background Traffic Growth Subtotal (NO BUILD -	P.M.) ated(Entering)	Eastbou Left 62 0 62	nd (Flightw Thru 0 0 0	ray Ave) Right 48 0 48	Westbou Left 0 0 0	Thru 0 <u>0</u>	ay Ave) Right 0 0 0	Northbou Left 40 <u>0</u> 40	und (Univers Thru 625 <u>3</u> 628	Right 0 0 0	Left 0 <u>0</u> 0	und (Univers Thru 853 <u>4</u> 857	ity Blvd) Right 74 0 74
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Gener Total Trips Generated	P.M.) ated(Entering) ated(Exiting)	Eastbou Left 62 0 62 0.00% 30.00% 17	nd (Flightw Thru 0 <u>0</u> 0.00%	ray Ave) Right 48 0.00% 20.00% 11	Westbould Left 0 0 0 0 0 0 0.00% 0.00% 0	Thru 0 0 0 0.00%	ay Ave) Right 0 0 0 0.00%	Northbou Left 40 0 14.00% 0.00% 11	und (Univers Thru 625 <u>3</u> 628 0.00% 15.00% 8	Right 0 0 0 0 0 0 0 0.00% 0 0	Left 0 0 0 0.00%	und (Univers Thru 853 <u>4</u> 857 15.00% 0.00% 12	ity Blvd) Right 74 0 74 30.00% 0.00% 23
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Gener Total Trips Generated Subtotal PM Pk Hr. BUILD Vol	P.M.) ated(Entering) ated(Exiting) lumes	Eastbou Left 62 0 62 0.00% 30.00% 17 79	nd (Flightw Thru 0 0 0.00% 0.00% 0.00% 0 0 0 0	ray Ave) Right 48 0.00% 20.00% 11 59	Westbould Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Thru 0 0 0 0 0 0 0 0.00% 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0.00% 0.00% 0.00% 0 0 0 0 0 0 0 0	Northbou Left 40 0 14.00% 0.00% 11 51	und (Univers Thru 625 <u>3</u> 628 0.00% 15.00% 8 636	Right 0 0 0 0 0 0 0 0 0 0.00% 0 0 0 0 0 0 0 0 0	Left 0 0 0.00% 0.00% 0 0 0	Ind (Univers Thru 853 4 857 15.00% 0.00% 12 869	sity Blvd) Right 74 0 74 0.00% 23 97
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Gener Total Trips Generated	P.M.) ated(Entering) ated(Exiting) lumes	Eastbou Left 62 0 62 0.00% 30.00% 17 79	nd (Flightw Thru 0 0 0.00% 0.00%	ray Ave) Right 48 0.00% 20.00% 11	Westbould Left 0 0 0 0 0 0 0.00% 0.00% 0	Thru 0 0 0.00% 0.00%	ay Ave) Right 0 0 0 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 40 0 14.00% 0.00% 11	und (Univers Thru 625 <u>3</u> 628 0.00% 15.00% 8	Right 0 0 0 0 0 0 0 0.00% 0 0	Left 0 0 0 0.00% 0.00%	und (Univers Thru 853 <u>4</u> 857 15.00% 0.00% 12	ity Blvd) Right 74 0 74 30.00% 0.00% 23

Number of Residential Trips Generated

 Entering
 Exiting

 31
 75
 A.M.

 77
 55
 P.M.



Flightway Ave / University Blvd

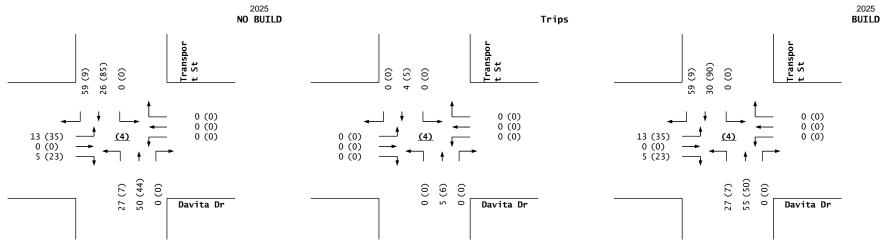
Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Davita Dr / Transport St

INTERSECTION:	E-W Street: N-S Street:	Davita Dr Transport	St		(4)								
Year of Existing Counts	2024												
Horizon Year	2025												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastb	ound (Davit	a Dr)	Westb	ound (Davit	a Dr)	Northbo	ound (Trans	port St)	Southbo	und (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		13	0	5	0	0	0	27	50	0	0	26	59
Background Traffic Growth		0	0	0	0	0	0	<u>0</u>	0	0	0	0	<u>0</u>
Subtotal (NO BUILD - A	.M.)	13	0	5	0	0	0	27	50	0	0	26	59
Percent Residential Trips Generate	ed(Entering)	0.50%	0.00%	0.50%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	4.00%	0.00%
Percent Residential Trips General	ted(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	3.50%	0.00%	0.00%	3.50%	0.50%
Total Trips Generated		0	0	0	0	0	0	0	5	0	0	4	0
Subtotal AM Pk Hr. BUILD Volu	mes	13	0	5	0	0	0	27	55	0	0	30	59
Total AM Peak Hour E	BUILD Volumes	13	0	5	0	0	0	27	55	0	0	30	59
		Eastb	ound (Davit	a Dr)	Westb	ound (Davit	a Dr)	Northbo	ound (Trans	port St)	Southbo	und (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		35	0	23	0	0	0	7	44	0	0	85	9
Background Traffic Growth		<u>0</u>	<u>0</u>	<u>0</u>	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal (NO BUILD - P	P.M.)	35	0	23	0	0	0	7	44	0	0	85	9
Percent Residential Trips Generate	ed(Entering)	0.50%	0.00%	0.50%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	4.00%	0.00%
Percent Residential Trips General	ted(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	3.50%	0.00%	0.00%	3.50%	0.50%
Total Trips Generated		0	0	0	0	0	0	0	6	0	0	5	0
Subtotal PM Pk Hr. BUILD Volu	mes	35	0	23	0	0	0	7	50	0	0	90	9
Total PM Peak Hour E	BUILD Volumes	35	0	23	0	0	0	7	50	0	0	90	9
		Entering	Exiting										

Number of Residential Trips Generated

 31
 75
 A.M.

 77
 55
 P.M.





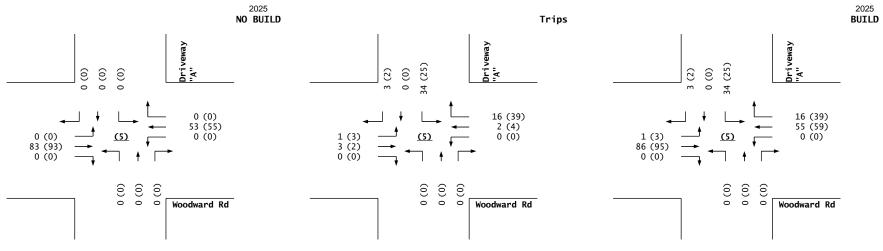
Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Woodward Rd / Driveway "A"

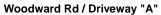
INTERSECTION:		Woodward Driveway "			(5)								
Year of Existing Counts	2024												
Horizon Year	2025												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	nd (Woodw	ard Rd)	Westbou	ind (Woodw	ard Rd)	Northbo	ound (Drivew	ay "A")	Southbo	und (Drivew	ay "A")
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	83	0	0	53	0	0	0	0	0	0	0
Background Traffic Growth		0	0	0	0	0	0	0	0	0	0	0	0
Subtotal (NO BUILD - A	А <i>.М.)</i>	0	83	0	0	53	0	0	0	0	0	0	0
Percent Residential Trips General	ed(Entering)	4.50%	0.00%	0.00%	0.00%	5.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Genera	ted(Exiting)	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	45.50%	0.00%	4.00%
Total Trips Generated		1	3	0	0	2	16	0	0	0	34	0	3
Subtotal AM Pk Hr. BUILD Volu	umes	1	86	0	0	55	16	0	0	0	34	0	3
Total AM Peak Hour I	BUILD Volumes	1	86	0	0	55	16	0	0	0	34	0	3
			nd (Woodw	ard Rd)		ind (Woodw	ard Rd)		ound (Drivew	ay "A")		und (Drivew	ay "A")
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	93	0	0	55	0	0	0	0	0	0	0
Background Traffic Growth		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal (NO BUILD - I	Р.М.)	0	93	0	0	55	0	0	0	0	0	0	0
Percent Residential Trips General	ed(Entering)	4.50%	0.00%	0.00%	0.00%	5.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Genera	ted(Exiting)	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	45.50%	0.00%	4.00%
Total Trips Generated		3	2	0	0	4	39	0	0	0	25	0	2
Subtotal PM Pk Hr. BUILD Volu	imes	3	95	0	0	59	39	0	0	0	25	0	2
Total PM Peak Hour I	BUILD Volumes	3	95	0	0	59	39	0	0	0	25	0	2
		Entering	Exiting										

Number of Residential Trips Generated

 31
 75
 A.M.

 77
 55
 P.M.





Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Flightway Ave / Driveway "B"

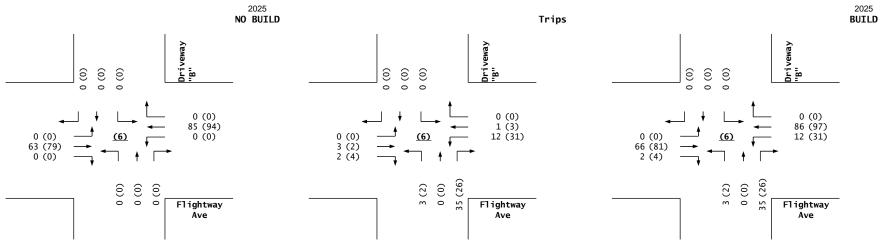
INTERSECTION:	E-W Street: N-S Street:	Flightway / Driveway "			(6)								
Year of Existing Counts	2024	-											
Horizon Year	2025												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	und (Flightwa	ay Ave)	Westbou	und (Flightw	ay Ave)	Northbo	ound (Drivew	/ay "B")	Southbo	und (Drivewa	ay "B")
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	63	0	0	85	0	0	0	0	0	0	0
Background Traffic Growth		0	0	<u>0</u>	0	0	0	<u>0</u>	0	0	0	0	0
Subtotal (NO BUILD -)	4. <i>M.)</i>	0	63	0	0	85	0	0	0	0	0	0	0
Percent Residential Trips General	ted(Entering)	0.00%	0.00%	5.50%	40.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Genera	ated(Exiting)	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	46.50%	0.00%	0.00%	0.00%
Total Trips Generated		0	3	2	12	1	0	3	0	35	0	0	0
Subtotal AM Pk Hr. BUILD Volu	umes	0	66	2	12	86	0	3	0	35	0	0	0
Total AM Peak Hour	BUILD Volumes	0	66	2	12	86	0	3	0	35	0	0	0
							-						
			ind (Flightwa			und (Flightw			ound (Drivew			und (Drivew	
				D'. L /	Left	Thru	Right	Left	Thru			These	
		Left	Thru	Right	Leit	Thru	Right	Leit	THU	Right	Left	Thru	Right
Existing Volumes		0	Thru 79	0	0	94	0	Leit 0	0	0	Left 0	i nru 0	Right 0
Existing Volumes Background Traffic Growth			79 0	0			<u> </u>			<u> </u>	0 0		Right 0 0
Background Traffic Growth Subtotal (NO BUILD - I		0 0 0	79 <u>0</u> 79	0 0 0	0 <u>0</u> 0	94 0 94	0 0 0	0 <u>0</u> 0	0 0 0	0 0 0	0 0 0	0 <u>0</u> 0	0 0 0
Background Traffic Growth		0 0	79 0	0 0	0 0	94 <u>0</u>	0 0	0 <u>0</u>	0 0	0 0	0 0	0 <u>0</u>	Right 0 0 0 0 0 0 0.00%
Background Traffic Growth Subtotal (NO BUILD - I	ted(Entering)	0 0 0	79 <u>0</u> 79	0 0 0	0 <u>0</u> 0	94 0 94	0 0 0	0 <u>0</u> 0	0 0 0	0 0 0	0 0 0	0 <u>0</u> 0	0 0 0
Background Traffic Growth Subtotal (NO BUILD - I Percent Residential Trips General	ted(Entering)	0 <u>0</u> 0.00%	79 0 79 0.00% 3.50% 2	0 0 5.50%	0 0 0 40.00% 0.00% 31	94 <u>0</u> 94 4.00% 0.00% 3	0 0 0.00%	0 <u>0</u> 0.00%	0 <u>0</u> 0.00%	0 0 0.00% 46.50% 26	0 <u>0</u> 0.00%	0 <u>0</u> 0.00%	0 0 0.00%
Background Traffic Growth Subtotal (NO BUILD - I Percent Residential Trips General Percent Residential Trips General	ted(Éntering) ated(Exiting)	0 <u>0</u> 0.00% 0.00%	79 0 79 0.00% 3.50% 2 81	0 0 5.50% 0.00%	0 0 0 40.00% 0.00% 31 31	94 0 94 4.00% 0.00% 3 97	0 0 0 0.00% 0.00%	0 0 0.00% 4.00%	0 <u>0</u> 0.00% 0.00%	0 0 0.00% 46.50% 26 26	0 <u>0</u> 0.00%	0 <u>0</u> 0.00% 0.00%	0 0 0.00%
Background Traffic Growth Subtotal (NO BUILD - I Percent Residential Trips General Percent Residential Trips Genera Total Trips Generated	ted(Éntering) hted(Exiting) umes	0 0 0.00% 0.00% 0 0	79 0 79 0.00% 3.50% 2	0 0 5.50% 0.00%	0 0 0 40.00% 0.00% 31	94 <u>0</u> 94 4.00% 0.00% 3	0 0 0 0.00% 0.00%	0 0 0.00% 4.00% 2	0 <u>0</u> 0.00% 0.00%	0 0 0.00% 46.50% 26	0 <u>0</u> 0.00%	0 <u>0</u> 0.00% 0.00%	0 0 0.00%

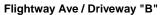
Number of Residential Trips Generated

 Intering
 Exiting

 31
 75
 A.M.

 77
 55
 P.M.





Appendix 09

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements SUMMARY <u>PROPOSED DEVELOPMENT (2035) - 100% Development</u>

INTERSECTION:

Summary

Woodward Rd / Transport St		1.00			1.00			1.00			1.00	PHF
(1)	Eastbo	und (Woodw	ard Rd)	Westbou	Ind (Woodw	ard Rd)	Northbo	und (Trans	port St)	Southbo	ound (Trans	port St)
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	0	0	1	0	52	0	1	12	71	0	0
2035 (NO BUILD - A.M.)	0	0	0	1	0	55	0	1	13	75	0	0
2035 (BUILD - A.M.)	Ő	Ő	Ő	1	Ő	60	Ő	1	13	79	Ő	Ő
	·	1.00	•		1.00	•••	•	1.00			1.00	PHF
	Eastbo	und (Woodw	ard Rd)	Westbou	Ind (Woodw	ard Rd)	Northbo	und (Trans	port St)	Southbo	ound (Trans	
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	0	0	4	0	51	0	1	11	82	4	0
2035 (NO BUILD - P.M.)	0	0	0	4	0	54	0	1	12	87	4	0
2035 (BUILD - P.M.)	Ő	Û.	Ő	4	Ů	60	Ŭ,	1	12	92	4	Ů
	v	v	v	7	v		v	,		72	7	•
Woodward Rd / University Bl	lvd	1.00			1.00			1.00			1.00	PHF
(2)		und (Woodw	ard Rd)	Westbou	Ind (Woodw	ard Rd)	Northbou	nd (Univers	sity Blvd)	Southbou	und (Univers	
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	55	0	186	0	0	0	106	873	0	0	478	32
2035 (NO BUILD - A.M.)	58	0	196	0	0	0	112	921	0	0	504	34
2035 (BUILD - A.M.)	69	Ő	222	Ő	0	0 0	124	925	Ő	Ő	519	39
		1.00		Ū	1.00	v	144	1.00	•	v	1.00	PHF
	Eastbo	und (Woodw	ard Rd)	Westbor	Ind (Woodw	ard Rd)	Northbou	nd (Univers	sity Blvd)	Southbou	und (Univers	
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	75	0	163	0	0	0	173	587	0	0	836	69
2035 (NO BUILD - P.M.)	79	0	172	0	0	0	183	619	0	0	882	73
2035 (BUILD - P.M.)	87	0	191	0	0	0	214	630		0	000	
, ,			191	U	0	U	214	030	0	U	893	85
		v	191	U	U	U	214	030	0	U	893	85
Flightway Ave / University Bl	lvd	1.00	191	U	1.00	U	214	1.00	U	U	1.00	85 PHF
Flightway Ave / University B		1	-						-			PHF
		1.00	-		1.00			1.00	-		1.00	PHF
(3)	Eastbo	1.00 und (Flightw Thru	ay Ave)	Westbou	1.00 und (Flightw	ay Ave)	Northbou	1.00 nd (Univers	sity Blvd)	Southbou	1.00 und (Univers	PHF sity Blvd)
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastbor Left	1.00 und (Flightw Thru	ay Ave) Right	Westbou Left	1.00 und (Flightw Thru	ay Ave) Right	Northbou Left	1.00 nd (Univers Thru	sity Blvd) Right	Southbou Left	1.00 und (Univers Thru	<i>PHF</i> sity Blvd) Right
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastbou Left 50	1.00 und (Flightw Thru 0	ay Ave) Right 35	Westbou Left	1.00 Ind (Flightw Thru 0	ay Ave) Right 0	Northbou Left 75	1.00 nd (Univers Thru 853	s ity Blvd) Right	Southbou Left	1.00 und (Univers Thru 474	PHF sity Blvd) Right 40
(3) 3% Truck Existing (2024)	Eastboo Left 50 53 76	1.00 und (Flightw Thru 0 0 0 0 1.00	ay Ave) Right 35 37 52	Westbou Left 0 0 0	1.00 Ind (Flightw Thru 0 0 0 1.00	ay Ave) Right 0 0 0	Northbou Left 75 79 83	1.00 nd (Univers Thru 853 900 911 1.00	ity Blvd) Right 0 0 0 0	Southbou Left 0 0	1.00 und (Univers Thru 474 500	PHF sity Blvd) Right 40 42
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastboo Left 50 53 76	1.00 und (Flightw Thru 0 0 0	ay Ave) Right 35 37 52	Westbou Left 0 0 0	1.00 Ind (Flightw Thru 0 0 0 0	ay Ave) Right 0 0 0	Northbou Left 75 79 83	1.00 nd (Univers Thru 853 900 911	ity Blvd) Right 0 0 0 0	Southbou Left 0 0 0	1.00 und (Univers Thru 474 500 505	PHF sity Blvd) Right 40 42 51 PHF
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastboo Left 50 53 76	1.00 und (Flightw Thru 0 0 0 0 1.00	ay Ave) Right 35 37 52	Westbou Left 0 0 0	1.00 Ind (Flightw Thru 0 0 0 1.00	ay Ave) Right 0 0 0	Northbou Left 75 79 83	1.00 nd (Univers Thru 853 900 911 1.00	ity Blvd) Right 0 0 0 0	Southbou Left 0 0 0	1.00 Jnd (Univers Thru 474 500 505 1.00	PHF sity Blvd) Right 40 42 51 PHF
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastboo Left 50 53 76 Eastboo	1.00 und (Flightw Thru 0 0 0 1.00 und (Flightw Thru	ay Ave) Right 35 37 52 ay Ave) Right 48	Westbou Left 0 0 0 Westbou	1.00 ind (Flightw Thru 0 0 0 1.00 ind (Flightw	ay Ave) Right 0 0 0 ay Ave)	Northbou Left 75 79 83 Northbou Left 40	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers	ity Blvd) Right 0 0 0 0 sity Blvd)	Southbou Left 0 0 0 Southbou	1.00 und (Univers Thru 474 500 505 1.00 und (Univers	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.)	Eastboo Left 50 53 76 Eastboo Left	1.00 und (Flightw Thru 0 0 0 1.00 und (Flightw Thru	ay Ave) Right 35 37 52 ay Ave) Right	Westbou Left 0 0 0 Westbou Left	1.00 und (Flightw Thru 0 0 0 1.00 und (Flightw Thru	ay Ave) Right 0 0 0 ay Ave) Right	Northbou Left 75 79 83 Northbou Left	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru	ity Blvd) Right 0 0 0 0 0 sity Blvd) Right	Southbou Left 0 0 0 Southbou Left	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024)	Eastboo Left 50 53 76 Eastboo Left 62	1.00 und (Flightw Thru 0 0 0 1.00 und (Flightw Thru 0	ay Ave) Right 35 37 52 ay Ave) Right 48	Westbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0	ay Ave) Right 0 0 0 ay Ave) Right 0	Northbou Left 75 79 83 Northbou Left 40	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625	ity Blvd) Right 0 0 0 0 0 0 0 0 8 1 1 0 0 0	Southbou Left 0 0 0 Southbou Left 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.)	Eastboo 50 53 76 Eastboo Left 62 65	1.00 und (Flightw Thru 0 0 0 1.00 und (Flightw Thru 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51	Westbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 and (Flightw. Thru 0 0 1.00 and (Flightw. Thru 0 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0	Northbou Left 75 79 83 Northbou Left 40 42	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667	ity Blvd) Right 0 0 0 ity Blvd) Right 0 0 0	Southbou Left 0 0 0 Southbou Left 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912	PHF ity Blvd) Right 40 42 51 PHF ity Blvd) Right 74 78 101
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St	Eastboo Left 50 53 76 Eastboo Left 62 65 82	1.00 und (Flightw. Thru 0 0 0 1.00 und (Flightw. Thru 0 0 0 0 1.00	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62	Westbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Flightw. Thru 0 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 1.00 0 0 1.00	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00	ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4)	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastb	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 0 0 1.00	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 a Dr)	Westbou Left 0	1.00 und (Flightw. Thru 0 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbo	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans	sity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 Southbou	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 und (Trans	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St)
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastboo Left Left	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 1.00 0 0 1.00 0 0 1.00 0 0 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 a Dr) Right	Westbou Left 0	1.00 und (Flightw. Thru 0 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 1.00 0 0 1.00 0 0 1.00 0 0 0 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 a Dr) Right	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbou Left	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans Thru	ity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 Left	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 912 1.00 pund (Trans Thru	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St) Right
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024)	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastboo Left Left 13	1.00 und (Flightw. Thru 0 0 0 1.00 und (Flightw. Thru 0 0 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 a Dr) Right 5	Westbou Left 0 0 0 Westbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 a Dr) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbo Left 27	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans Thru 50	sity Blvd) Right 0 0 0 0 0 0 sity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 912 1.00 ound (Trans Thru 26	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St) Right 59
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) 2035 (NO BUILD - P.M.) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastboo Left Left 13 14	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 ta Dr) Right 5 5	Westbou Left 0	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 a Dr) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbo Left 27 28	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans Thru 50 53	sity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 912 1.00 ound (Trans Thru 26 27	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St) Right 59 62
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) 2035 (BUILD - A.M.) Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024)	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastboo Left Left 13	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 a Dr) Right 5	Westbou Left 0 0 0 Westbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 a Dr) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbo Left 27	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans Thru 50 53 58	sity Blvd) Right 0 0 0 0 0 0 sity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 912 1.00 000000 (Trans Thru 26 27 31	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St) Right 59 62 62 62
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) 2035 (NO BUILD - P.M.) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastboo Left 13 14 14	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 a Dr) Right 5 5 5 5 5	Westbou Left 0	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbo Left 27 28 28 28	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans Thru 50 53 58 1.00	sity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 00 00 1.00 00 00 00 00 00 00 00 00 00	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St) Right 59 62 62 PHF
(3) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.) 2035 (BUILD - A.M.) 2035 (NO BUILD - P.M.) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.) Davita Dr / Transport St (4) 3% Truck Existing (2024) 2035 (NO BUILD - A.M.)	Eastboo Left 50 53 76 Eastboo Left 62 65 82 Eastboo Left 13 14 14	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 35 37 52 ay Ave) Right 48 51 62 a Dr) Right 5 5 5 5 5	Westbou Left 0	1.00 und (Flightw. Thru 0 0 1.00 und (Flightw. Thru 0 0 0 1.00 0 0 1.00 0 0 0 0 0 0 0 0 0 0 0 0	ay Ave) Right 0 0 0 ay Ave) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Northbou Left 75 79 83 Northbou Left 40 42 53 Northbo Left 27 28 28 28	1.00 nd (Univers Thru 853 900 911 1.00 nd (Univers Thru 625 659 667 1.00 und (Trans Thru 50 53 58	sity Blvd) Right 0 0 0 0 0 0 0 0 0 0 0 0 0	Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 Southbou Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 und (Univers Thru 474 500 505 1.00 und (Univers Thru 853 900 912 1.00 912 1.00 000000 (Trans Thru 26 27 31	PHF sity Blvd) Right 40 42 51 PHF sity Blvd) Right 74 78 101 PHF port St) Right 59 62 62 PHF

Existing (2024) 2035 (NO BUILD - P.M.) 2035 (BUILD - P.M.)

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements SUMMARY PROPOSED DEVELOPMENT (2035) - 100% Development

INTERSECTION:	Su	m m a	r y									
Woodward Rd / Driveway "A		1.00			1.00			1.00			1.00	PHF
(5)	Eastbou	nd (Woodw	ard Rd)	Westbou	und (Woodw	ard Rd)		und (Drivew	ay "A")	Southbo	und (Drivev	/ay "A")
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	83	0	0	53	0	0	0	0	0	0	0
2035 (NO BUILD - A.M.)	0	88	0	0	56	0	0	0	0	0	0	0
2035 (BUILD - A.M.)	1	91	0	0	58	16	0	0	0	34	0	3
		1.00			1.00			1.00			1.00	PHF
	Eastbou	nd (Woodw	ard Rd)	Westbou	und (Woodw	ard Rd)	Northbo	und (Drivew	ay "A")	Southbo	und (Drivev	/ay "A")
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	93	0	0	55	0	0	0	0	0	0	0
2035 (NO BUILD - P.M.)	0	98	0	0	58	0	0	0	0	0	0	0
2035 (BUILD - P.M.)	3	100	0	0	62	39	0	0	0	25	0	2
	_											
Flightway Ave / Driveway "B		1.00			1.00			1.00			1.00	PHF
(6)		nd (Flightw			und (Flightw			und (Drivew			und (Drivew	
3% Truck	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	63	0	0	85	0	0	0	0	0	0	0
2035 (NO BUILD - A.M.)	0	66	0	0	90	0	0	0	0	0	0	0
2035 (BUILD - A.M.)	0	69	2	12	91	0	3	0	35	0	0	0
		1.00			1.00			1.00			1.00	PHF
		nd (Flightw			und (Flightw			und (Drivew	ay "B")		und (Drivev	/ay "B")
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing (2024)	0	79	0	0	94	0	0	0	0	0	0	0
2035 (NO BUILD - P.M.)	0	83	0	0	99	0	0	0	0	0	0	0
2035 (BUILD - P.M.)	0	85	4	31	102	0	2	0	26	0	0	0

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Woodward Rd / Transport St

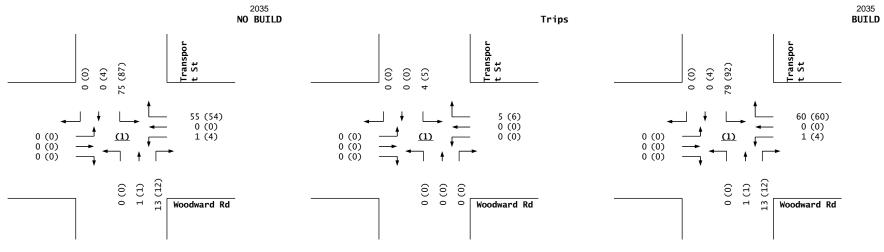
INTERSECTION:	E-W Street: N-S Street:	Woodward Transport S			(1)								
Year of Existing Counts	2024												
Horizon Year	2035												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	nd (Woodw	ard Rd)	Westbou	und (Woodwa	ard Rd)	Northbo	ound (Trans	port St)	Southbo	ound (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	0	0	1	0	52	0	1	12	71	0	0
Background Traffic Growth		0	0	0	0	0	3	0	0	1	4	0	0
Subtotal (NO BUILD -	A.M.)	0	0	0	1	0	55	0	1	13	75	0	0
Percent Residential Trips Genera	ated(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%
Percent Residential Trips Gener	rated(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	3.50%	0.00%	0.00%
Total Trips Generated		0	0	0	0	0	5	0	0	0	4	0	0
Subtotal AM Pk Hr. BUILD Vol	lumes	0	0	0	1	0	60	0	1	13	79	0	0
Total AM Peak Hour	BUILD Volumes	0	0	0	1	0	60	0	1	13	79	0	0
Total AM Peak Hour	BUILD Volumes	-			1	0		U	1			0	0
Total AM Peak Hour	BUILD Volumes	-	0 nd (Woodw		1 Westbou	0 und (Woodwa		U	1 ound (Trans			0 ound (Transj	0 port St)
Total AM Peak Hour	BUILD Volumes	-			1 Westbou Left	0 und (Woodw Thru		U	1 Dund (Trans Thru			0	0 port St) Right
Total AM Peak Hour Existing Volumes	BUILD Volumes	Eastbou Left	nd (Woodw Thru 0	r <mark>ard Rd)</mark> Right	Left 4		ard Rd) Right 51	Northbo Left		port St)	Southbo Left 82	ound (Transp Thru 4	
	BUILD Volumes	Eastbou Left	nd (Woodw Thru	vard Rd) Right	Left		ard Rd) Right 51 <u>3</u>	Northbo Left		port St) Right 11 <u>1</u>	Southbo Left 82 5	ound (Trans	
Existing Volumes Background Traffic Growth Subtotal (NO BUILD -	Р.М.)	Eastbou Left 0 0 0	nd (Woodw Thru 0 0 0	vard Rd) Right 0 0 0	Left 4 0 4	Thru 0 <u>0</u> 0	ard Rd) Right 51 <u>3</u> 54	Northbo Left 0 0 0	Thru 1 0 1	port St) Right 11 <u>1</u> 12	Southbo Left 82 5 87	ound (Trans Thru 4 0 4	Right 0 0 0
Existing Volumes Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera	P.M.) ated(Entering)	Eastbou Left 0 0 0 0 0.00%	nd (Woodw Thru 0 <u>0</u> 0.00%	vard Rd) Right 0 0 0 0.00%	Left 4 0 4 0.00%	Thru 0 0 0 0 0 0 0 0 0	ard Rd) Right 51 <u>3</u> 54 5.00%	Northbo Left 0 0 0 0.00%	Thru 1 0 1 0.00%	port St) Right 11 <u>1</u> 12 0.00%	Southbo Left 82 5 87 4.50%	ound (Transp Thru 4 0 0 0.00%	Right 0 0 0 0 0 0 0 0 0
Existing Volumes Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Gener	P.M.) ated(Entering)	Eastbou Left 0 0 0	nd (Woodw Thru 0 0 0	vard Rd) Right 0 0 0	Left 4 0 4	Thru 0 <u>0</u> 0	ard Rd) Right 51 <u>3</u> 54	Northbo Left 0 0 0	Thru 1 0 1	port St) Right 11 <u>1</u> 12	Southbo Left 82 5 87	ound (Trans Thru 4 0 4	Right 0 0 0
Existing Volumes Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Gener Percent Residential Trips Gener Total Trips Generated	P.M.) ated(Entering) rated(Exiting)	Eastbou Left 0 0 0 0 0.00%	nd (Woodw Thru 0 <u>0</u> 0.00%	rard Rd) Right 0 0 0 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 4 0 4 0.00%	Thru 0 0 0 0 0 0 0 0 0	ard Rd) Right 51 3 54 5.00% 4.00% 6	Northbo Left 0 0 0.00% 0.00% 0.00% 0	Thru 1 0 1 0.00%	port St) Right 11 12 0.00% 0.00% 0	Southbo Left 82 5 87 4.50% 3.50% 5	ound (Transp Thru 4 0 0 0.00%	Right 0 0 0 0 0 0 0 0 0
Existing Volumes Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Gener Total Trips Generated Subtotal PM Pk Hr. BUILD Vol	P.M.) ated(Entering) ated(Exiting) lumes	Eastbou Left 0 0 0.00% 0.00% 0.00% 0 0	nd (Woodw Thru 0 0 0.00% 0.00% 0.00% 0 0 0 0	rard Rd) Right 0 0 0 0.00% 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 4 0 0 00% 0.00% 0 4	Thru 0 0 0 0 0 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	ard Rd) Right 51 54 5.00% 4.00% 6 60	Northbo Left 0 0 0.00% 0.00% 0.00% 0 0 0 0	Thru 1 0 0.00% 0.00%	port St) Right 11 12 0.00% 0.00% 0 0 12	Southbo Left 82 5 87 4.50% 3.50% 5 92	ound (Transport Thru 4 0 4 0.00% 0.00%	Right 0 0 0 0 0 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0
Existing Volumes Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Gener Percent Residential Trips Gener Total Trips Generated	P.M.) ated(Entering) ated(Exiting) lumes	Eastbou Left 0 0 0.00% 0.00% 0.00% 0 0	nd (Woodw Thru 0 0 0.00% 0.00%	rard Rd) Right 0 0 0 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 4 0 4 0.00% 0.00%	Thru 0 0 0 0 0 0 0 0 0	ard Rd) Right 51 3 54 5.00% 4.00% 6	Northbo Left 0 0 0.00% 0.00% 0.00% 0	Thru 1 0 0.00% 0.00%	port St) Right 11 12 0.00% 0.00% 0	Southbo Left 82 5 87 4.50% 3.50% 5	ound (Transport Thru 4 0 4 0.00% 0.00%	Right 0 0 0 0 0 0 0 0 0

Number of Residential Trips Generated

 attering
 Exiting

 31
 75
 A.M.

 77
 55
 P.M.



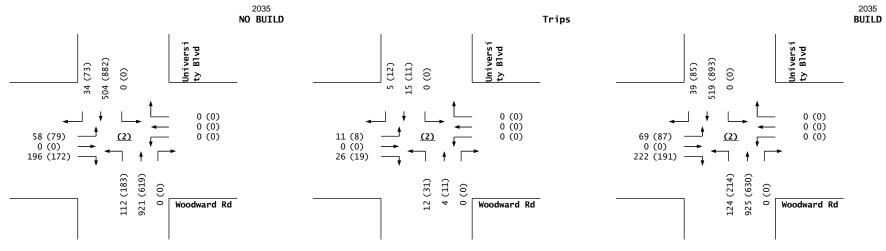
Woodward Rd / Transport St

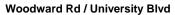
Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Woodward Rd / University Blvd

INTERSECTION:	E-W Street: N-S Street:	Woodward University			(2)								
Year of Existing Counts	2024												
Horizon Year	2035												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	ind (Woodw	ard Rd)	Westbou	und (Woodwa	ard Rd)	Northbou	und (Univers	ity Blvd)	Southbo	und (Univers	sity Blvd)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		55	0	186	0	0	0	106	873	0	0	478	32
Background Traffic Growth		3	0	10	0	0	0	6	48	0	0	<u>26</u>	2
Subtotal (NO BUILD -	A.M.)	58	0	196	0	0	0	112	921	0	0	504	34
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	14.00%	0.00%	0.00%	0.00%	15.00%
Percent Residential Trips Gener	ated(Exiting)	15.00%	0.00%	34.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%
Total Trips Generated		11	0	26	0	0	0	12	4	0	0	15	5
Subtotal AM Pk Hr. BUILD Vol	umes	69	0	222	0	0	0	124	925	0	0	519	39
Total AM Peak Hour	BUILD Volumes	69	0	222	0	0	0	124	925	0	0	519	39
		Eastbou	ind (Woodw	vard Rd)	Westbou	und (Woodwa	ard Rd)	Northbou	und (Univers	ity Blvd)	Southbo	und (Univers	sity Blvd)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		75	0	163	0	0	0	173	587	0	0	836	69
Background Traffic Growth		4	<u>0</u>	9	0	<u>0</u>	<u>0</u>	<u>10</u>	<u>32</u>	<u>0</u>	0	<u>46</u>	4
Subtotal (NO BUILD -	Р.М.)	79	0	172	0	0	0	183	619	0	0	882	73
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	14.00%	0.00%	0.00%	0.00%	15.00%
Percent Residential Trips Gener	ated(Exiting)	15.00%	0.00%	34.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%
Total Trips Generated		8	0	19	0	0	0	31	11	0	0	11	12
Subtotal PM Pk Hr. BUILD Vol	umes	87	0	191	0	0	0	214	630	0	0	893	85
Total PM Peak Hour	BUILD Volumes	87	0	191	0	0	0	214	630	0	0	893	85
		Entoring	F 1000										

Number of Residential Trips Generated

Entering Exiting **31 75** A.M. **77 55** P.M.



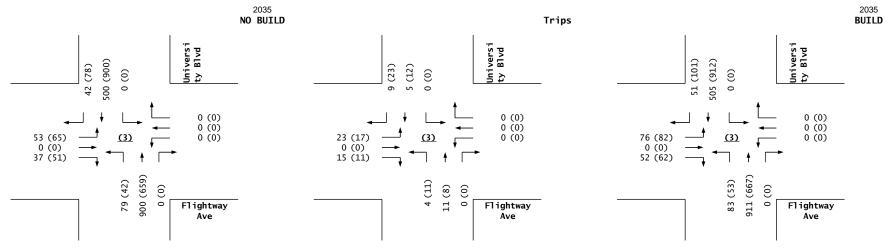


Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Flightway Ave / University Blvd

INTERSECTION:	E-W Street: N-S Street:	Flightway University			(3)								
Year of Existing Counts	2024												
Horizon Year	2035												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	nd (Flightw	ay Ave)	Westbou	und (Flightwa	ay Ave)	Northbou	und (Univers	ity Blvd)	Southbou	und (Univers	sity Blvd)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		50	0	35	0	0	0	75	853	0	0	474	40
Background Traffic Growth		<u>3</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>47</u>	<u>0</u>	<u>0</u>	<u>26</u>	<u>2</u>
Subtotal (NO BUILD -	A.M.)	53	0	37	0	0	0	79	900	0	0	500	42
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.00%	0.00%	0.00%	0.00%	15.00%	30.00%
Percent Residential Trips Gener	ated(Exiting)	30.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated		23	0	15	0	0	0	4	11	0	0	5	9
Subtotal AM Pk Hr. BUILD Vol	umes	76	0	52	0	0	0	83	911	0	0	505	51
Total AM Peak Hour	BUILD Volumes	76	0	52	0	0	0	83	911	0	0	505	51
		Eastbou	nd (Flightw	ay Ave)	Westbou	und (Flightwa	ay Ave)	Northbou	und (Univers	sity Blvd)	Southbou	und (Univers	sity Blvd)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		62	0	48	0	0	0	40	625	0	0	853	74
Background Traffic Growth		3	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>34</u>	<u>0</u>	<u>0</u>	<u>47</u>	4
Subtotal (NO BUILD -	P.M.)	65	0	51	0	0	0	42	659	0	0	900	78
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.00%	0.00%	0.00%	0.00%	15.00%	30.00%
Percent Residential Trips Gener	ated(Exiting)	30.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated		17	0	11	0	0	0	11	8	0	0	12	23
Subtotal PM Pk Hr. BUILD Vol	umes	82	0	62	0	0	0	53	667	0	0	912	101
Total PM Peak Hour	BUILD Volumes	82	0	62	0	0	0	53	667	0	0	912	101
		Entoring	Eviting										

Number of Residential Trips Generated

Entering Exiting **31 75** A.M. **77 55** P.M.



Flightway Ave / University Blvd

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Davita Dr / Transport St

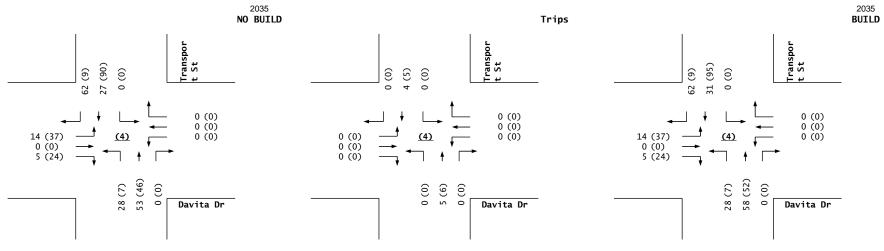
INTERSECTION:	E-W Street: N-S Street:	Davita Dr Transport	St		(4)								
Year of Existing Counts	2024												
Horizon Year	2035												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastb	ound (Davi	ta Dr)	West	ound (Davit	a Dr)	Northb	ound (Trans	port St)	Southbo	ound (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		13	0	5	0	0	0	27	50	0	0	26	59
Background Traffic Growth		1	0	<u>0</u>	0	0	0	1	3	<u>0</u>	0	1	<u>3</u>
Subtotal (NO BUILD - A	А. <i>М.)</i>	14	0	5	0	0	0	28	53	0	0	27	62
Percent Residential Trips General	ed(Entering)	0.50%	0.00%	0.50%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	4.00%	0.00%
Percent Residential Trips Genera	ted(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	3.50%	0.00%	0.00%	3.50%	0.50%
Total Trips Generated		0	0	0	0	0	0	0	5	0	0	4	0
Subtotal AM Pk Hr. BUILD Volu	umes	14	0	5	0	0	0	28	58	0	0	31	62
Total AM Peak Hour I	BUILD Volumes	14	0	5	0	0	0	28	58	0	0	31	62
		Eastb	ound (Davi	ta Dr)	West	oound (Davit	a Dr)	Northb	ound (Trans	port St)	Southbo	ound (Trans	port St)
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		35	0		0	0	0	7	44	0	0	85	9
Background Traffic Growth		2	<u>0</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>5</u>	<u>0</u>
Subtotal (NO BUILD - I	,	37	0	24	0	0	0	7	46	0	0	90	9
Percent Residential Trips Generat		0.50%	0.00%	0.50%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	4.00%	0.00%
Percent Residential Trips Genera	ted(Exiting)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	3.50%	0.00%	0.00%	3.50%	0.50%
Total Trips Generated		0	0	-	0	0	0	0	6	0	0	5	0
Subtotal PM Pk Hr. BUILD Volu	imes	37	0	24	0	0	0	7	52	0	0	95	9
		-											
Total PM Peak Hour		37	0	24	0	0	0	7	52	0	0	95	9

Number of Residential Trips Generated

 attering
 Exiting

 31
 75
 A.M.

 77
 55
 P.M.



Davita Dr / Transport St

Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Woodward Rd / Driveway "A"

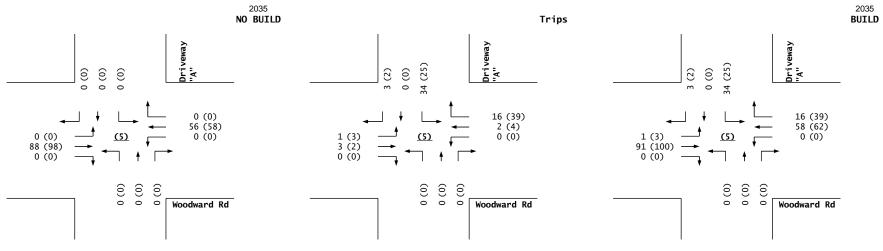
INTERSECTION:	E-W Street: N-S Street:	Woodward Driveway '			(5)								
Year of Existing Counts	2024												
Horizon Year	2035												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	Ind (Woodw	ard Rd)	Westbou	nd (Woodw	ard Rd)	Northbo	ound (Drivew	/ay "A")	Southbo	und (Drivew	ay "A")
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	83	0	0	53	0	0	0	0	0	0	0
Background Traffic Growth		0	5	0	0	3	0	0	0	0	0	0	0
Subtotal (NO BUILD -)	A.M.)	0	88	0	0	56	0	0	0	0	0	0	0
Percent Residential Trips Genera	ted(Entering)	4.50%	0.00%	0.00%	0.00%	5.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Genera	ated(Exiting)	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	45.50%	0.00%	4.00%
Total Trips Generated		1	3	0	0	2	16	0	0	0	34	0	3
Subtotal AM Pk Hr. BUILD Vol	umes	1	91	0	0	58	16	0	0	0	34	0	3
Total AM Peak Hour	BUILD Volumes	1	91	0	0	58	16	0	0	0	34	0	2
			V 1	v	U	00	10	•	•	Ű	0-1	•	J
					0		10		Ŭ		04	U	5
		Eastbou	ind (Woodw			nd (Woodw			ound (Drivew	/ay "A")	Southbo	und (Drivew	ay "A")
					Westbou Left			Northbo Left	ound (Drivew Thru	/ay "A") Right		und (Drivew Thru	ay "A") Right
Existing Volumes		Eastbou	ind (Woodw Thru 93	ard Rd) Right 0	Left 0	nd (Woodw Thru 55	ard Rd)		Thru 0	Right 0	Southbo		
Existing Volumes Background Traffic Growth		Eastbou Left	ind (Woodw Thru 93 5	ard Rd) Right	Left	nd (Woodw Thru 55 <u>3</u>	ard Rd) Right	Left	Thru	Right	Southbo	Thru	
Background Traffic Growth Subtotal (NO BUILD -		Eastbou Left 0 0 0	ind (Woodw Thru 93 5 98	ard Rd) Right 0 0 0	Left 0 <u>0</u> 0	nd (Woodw Thru 55 <u>3</u> 58	ard Rd) Right 0 0 0	Left 0 0 0	Thru 0 0 0 0 0 0 0	Right 0 0 0	Southbo Left 0 0 0	Thru 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera	ted(Éntering)	Eastbou Left 0 0 4.50%	ind (Woodw Thru 93 5 98 0.00%	ard Rd) Right 0 0 0 0.00%	Left 0 0 0 0.00%	nd (Woodw Thru 55 <u>3</u> 58 5.00%	ard Rd) Right 0 0 50.00%	Left 0 0 0 0.00%	Thru 0 0 0 0.00%	Right 0 0 0 0 0 0 0	Southbo Left 0 0 0 0.00%	Thru 0 0 0 0 0 0 0 0 0 0.00% 0	Right 0 0 0 0 0 0 0 0 0
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Genera	ted(Éntering)	Eastbou Left 0 0 0	ind (Woodw Thru 93 5 98	ard Rd) Right 0 0 0	Left 0 <u>0</u> 0	nd (Woodw Thru 55 <u>3</u> 58	ard Rd) Right 0 0 0	Left 0 0 0	Thru 0 0 0 0 0 0 0	Right 0 0 0	Southbo Left 0 0 0	Thru 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Genera Total Trips Generated	ted(Entering) ated(Exiting)	Eastbou Left 0 0 4.50% 0.00% 3	Ind (Woodw Thru 93 5 98 0.00% 3.50% 2	ard Rd) Right 0 0 0 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0.00% 0.00% 0.00%	nd (Woodw Thru 55 <u>3</u> 58 5.00% 0.00% 4	ard Rd) Right 0 0 50.00% 0.00% 39	Left 0 0 0.00% 0.00% 0.00%	Thru 0 0 0 0 0 0.00% 0 0 0	Right 0 0 0.00% 0.00% 0.00%	Southbo Left 0 0 0.00% 45.50% 25	Thru 0 0 0 0 0 0 0 0 0 0.00% 0	Right 0 0 0 0 0 0 0 0 0
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Genera Total Trips Generated Subtotal PM Pk Hr. BUILD Vol	ted(Éntering) ated(Exiting) umes	Eastbou Left 0 0 4.50% 0.00% 3 3 3	Ind (Woodw Thru 93 5 98 0.00% 3.50% 2 100	ard Rd) Right 0 0 0 0.00% 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nd (Woodw Thru 55 3 58 5.00% 0.00% 4 62	ard Rd) Right 0 0 50.00% 0.00% 39 39	Left 0 0.00% 0.00% 0.00% 0 0 0	Thru 0 0 0.00% 0.00% 0 0 0 0	Right 0 0 0 0 0 0.00% 0 0.00% 0 0 0 0 0 0 0 0 0	Southbo Left 0 0 0.00% 45.50% 25 25	Thru 0 0 0 0 0 0 0 0.00% 0 0 0 0 0 0 0 0 0 0 0	Right 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 2 2 2
Background Traffic Growth Subtotal (NO BUILD - Percent Residential Trips Genera Percent Residential Trips Genera Total Trips Generated	ted(Éntering) ated(Exiting) umes	Eastbou Left 0 0 4.50% 0.00% 3 3 3	Ind (Woodw Thru 93 5 98 0.00% 3.50% 2	ard Rd) Right 0 0 0 0.00% 0.00% 0 0 0 0 0 0 0 0 0 0 0 0 0	Left 0 0 0.00% 0.00% 0.00%	nd (Woodw Thru 55 <u>3</u> 58 5.00% 0.00% 4	ard Rd) Right 0 0 50.00% 0.00% 39	Left 0 0 0.00% 0.00% 0.00%	Thru 0 0 0 0 0 0.00% 0 0 0	Right 0 0 0.00% 0.00% 0.00%	Southbo Left 0 0 0.00% 45.50% 25	Thru 0 0 0 0 0 0 0 0.00% 0.00%	Right 0 0 0 0 0 0 0 0 0

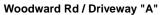
Number of Residential Trips Generated

 attering
 Exiting

 31
 75
 A.M.

 77
 55
 P.M.





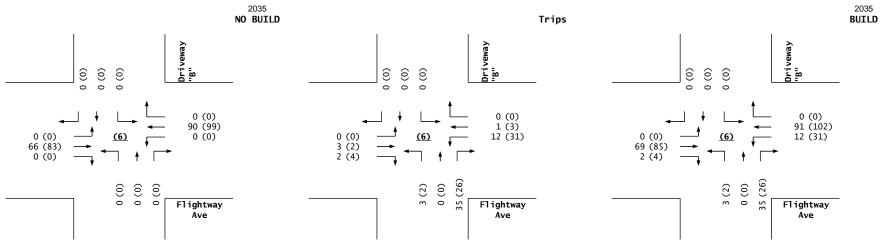
Transport Apartments (Flightway Ave / University Blvd, NM) Projected Turning Movements Worksheet Flightway Ave / Driveway "B"

INTERSECTION:	E-W Street: N-S Street:	Flightway Driveway '			(6)								
Year of Existing Counts	2024												
Horizon Year	2035												
	Growth Rates		0.50%			0.50%			0.50%			0.50%	
		Eastbou	und (Flightw	ay Ave)		und (Flightw	ay Ave)		ound (Drivew			und (Drivew	ay "B")
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	63	0	0	85	0	0	0	0	0	0	0
Background Traffic Growth		<u>0</u>	3	<u>0</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal (NO BUILD - J		0	66	0	0	90	0	0	0	0	0	0	0
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	5.50%	40.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Genera	ated(Exiting)	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	46.50%	0.00%	0.00%	0.00%
Total Trips Generated		0	3	2	12	1	0	3	0	35	0	0	0
Subtotal AM Pk Hr. BUILD Vol	umes	0	69	2	12	91	0	3	0	35	0	0	0
Pass-by Trip Adjustments		0	0	0	0	0	0	0	0	0	0	0	0
Total AM Peak Hour	BUILD Volumes	0	69	2	12	91	0	3	0	35	0	0	0
		Eastbou	und (Flightw	ay Ave)	Westbou	und (Flightw	ay Ave)	Northbo	ound (Drivew	vay "B")	Southbo	und (Drivew	ay "B")
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Existing Volumes		0	79	0	0	94	0	0	0	0	0	0	0
Background Traffic Growth		<u>0</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal (NO BUILD -	P.M.)	0	83	0	0	99	0	0	0	0	0	0	0
Percent Residential Trips Genera	ted(Entering)	0.00%	0.00%	5.50%	40.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Genera	ated(Exiting)	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	46.50%	0.00%	0.00%	0.00%
Total Trips Generated		0	2	4	31	3	0	2	0	26	0	0	0
		0	85	4	31	102	0	2	0	26	0	0	0
Subtotal PM Pk Hr. BUILD Volu	umes	U	00										
Subtotal PM Pk Hr. BUILD Vol Pass-by Trip Adjustments	umes	0	0	0	0	0	0	0	0	0	0	0	0
				0 4	0 31	<i>o</i> 102	0 0	0 2	0 0	0 26	0 0	0 0	0 0

Number of Residential Trips Generated

Entering Exiting 31 75 A.M. 77 55 P.M.

.M. 100% Residential Development



Flightway Ave / Driveway "B"

Appendix 10

Int Delay, s/veh	1.4						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			24	<u>_</u>	- † î>	
Traffic Vol, veh/h	50	35	1	75	857	476	40
Future Vol, veh/h	50	35	1	75	857	476	40
Conflicting Peds, #/hr	3	3	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	2	14	0	5	1	3	5
Mvmt Flow	54	38	1	82	932	517	43

Major/Minor	Minor2	Ν	/lajor1		Ν	/lajor2		
Conflicting Flow All	1173	283	561	561	0	-	0	
Stage 1	539	-	-	-	-	-	-	
Stage 2	634	-	-	-	-	-	-	
Critical Hdwy	6.84	7.18	6.4	4.2	-	-	-	
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-	
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-	
Follow-up Hdwy	3.52	3.44	2.5	2.25	-	-	-	
Pot Cap-1 Maneuver	185	679	641	986	-	-	-	
Stage 1	549	-	-	-	-	-	-	
Stage 2	491	-	-	-	-	-	-	
Platoon blocked, %					-	-	-	
Mov Cap-1 Maneuver		677	978	978	-	-	-	
Mov Cap-2 Maneuver		-	-	-	-	-	-	
Stage 1	520	-	-	-	-	-	-	
Stage 2	491	-	-	-	-	-	-	
Approach	EB		NB			SB		
HCM Control Delay, s	/v 16.7		0.73			0		
HCM LOS	С							
Minor Lane/Major Mvr	mt	NBL	NBT E	EBLn1	SBT	SBR		

Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT	SBR	
Capacity (veh/h)	978	- 400	-	-	
HCM Lane V/C Ratio	0.084	- 0.231	-	-	
HCM Control Delay (s/veh)	9	- 16.7	-	-	
HCM Lane LOS	А	- C	-	-	
HCM 95th %tile Q(veh)	0.3	- 0.9	-	-	

Int Delay, s/veh	1.9						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			ሻ	- † †	- † î>	
Traffic Vol, veh/h	73	50	1	79	868	481	49
Future Vol, veh/h	73	50	1	79	868	481	49
Conflicting Peds, #/hr	3	3	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	2	14	0	5	1	3	5
Mvmt Flow	79	54	1	86	943	523	53

Major/Minor	Minor2	ľ	/lajor1		I	Major2				
Conflicting Flow All	1198	291	576	576	0	-	0			
Stage 1	549	-	-	-	-	-	-			
Stage 2	649	-	-	-	-	-	-			
Critical Hdwy	6.84	7.18	6.4	4.2	-	-	-			
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-			
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-			
Follow-up Hdwy	3.52	3.44	2.5	2.25	-	-	-			
Pot Cap-1 Maneuver	178	671	627	973	-	-	-			
Stage 1	542	-	-	-	-	-	-			
Stage 2	482	-	-	-	-	-	-			
Platoon blocked, %					-	-	-			
Mov Cap-1 Maneuver	168	669	965	965	-	-	-			
Mov Cap-2 Maneuver	- 303	-	-	-	-	-	-			
Stage 1	512	-	-	-	-	-	-			
Stage 2	482	-	-	-	-	-	-			
Approach	EB		NB			SB				
HCM Control Delay, s			0.77			0				
HCM LOS	С		••••			-				
	2									
Minor Lane/Major Mvi	mt	NBL	NBT E	EBLn1	SBT	SBR				
		005		000						

Minor Lanc/Major MMint	NDL		001	ODIX	
Capacity (veh/h)	965	- 390	-	-	
HCM Lane V/C Ratio	0.09	- 0.343	-	-	
HCM Control Delay (s/veh)	9.1	- 19	-	-	
HCM Lane LOS	А	- C	-	-	
HCM 95th %tile Q(veh)	0.3	- 1.5	-	-	

Int Delay, s/veh	1.8						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			1	- † †	∱ î≽	
Traffic Vol, veh/h	62	48	2	40	625	857	74
Future Vol, veh/h	62	48	2	40	625	857	74
Conflicting Peds, #/hr	6	6	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	8	1	1	5
Mvmt Flow	67	52	2	43	679	932	80

Major/Minor	Minor2	N	Major1		Ν	/lajor2		
Conflicting Flow All	1409	512	1012	1012	0	-	0	
Stage 1	972	-	-	-	-	-	-	
Stage 2	437	-	-	-	-	-	-	
Critical Hdwy	6.8	6.94	6.4	4.26	-	-	-	
Critical Hdwy Stg 1	5.8	-	-	-	-	-	-	
Critical Hdwy Stg 2	5.8	-	-	-	-	-	-	
Follow-up Hdwy	3.5	3.32	2.5	2.28	-	-	-	
Pot Cap-1 Maneuver	132	507	332	646	-	-	-	
Stage 1	332	-	-	-	-	-	-	
Stage 2	624	-	-	-	-	-	-	
Platoon blocked, %					-	-	-	
Mov Cap-1 Maneuver	r 126	504	612	612	-	-	-	
Mov Cap-2 Maneuver	r 241	-	-	-	-	-	-	
Stage 1	316	-	-	-	-	-	-	
Stage 2	624	-	-	-	-	-	-	
Approach	EB		NB			SB		
HCM Control Delay, s			0.72			0		
HCM LOS	C		0.72			0		
	U							
Minor Lane/Major Mv	mt	NBL	NBT	EBLn1	SBT	SBR		
Conceity (yeh/h)		610		240				

,					
Capacity (veh/h)	612	- 312	-	-	
HCM Lane V/C Ratio	0.075	- 0.384	-	-	
HCM Control Delay (s/veh)	11.4	- 23.6	-	-	
HCM Lane LOS	В	- C	-	-	
HCM 95th %tile Q(veh)	0.2	- 1.7	-	-	

Int Delay, s/veh	2.6						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			٦	- † †	∱ î≽	
Traffic Vol, veh/h	79	59	2	51	636	869	97
Future Vol, veh/h	79	59	2	51	636	869	97
Conflicting Peds, #/hr	6	6	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	8	1	1	5
Mvmt Flow	86	64	2	55	691	945	105

Major/Minor	Minor2	Ν	/lajor1		Ν	/lajor2	
Conflicting Flow All	1464	531	1050	1050	0	-	0
Stage 1	997	-	-	-	-	-	-
Stage 2	467	-	-	-	-	-	-
Critical Hdwy	6.8	6.94	6.4	4.26	-	-	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-	-
Follow-up Hdwy	3.5	3.32	2.5	2.28	-	-	-
Pot Cap-1 Maneuver	121	493	314	624	-	-	-
Stage 1	322	-	-	-	-	-	-
Stage 2	603	-	-	-	-	-	-
Platoon blocked, %					-	-	-
Mov Cap-1 Maneuver		490	595	595	-	-	-
Mov Cap-2 Maneuver		-	-	-	-	-	-
Stage 1	301	-	-	-	-	-	-
Stage 2	603	-	-	-	-	-	-
Approach	EB		NB			SB	
HCM Control Delay, s	v29.15		0.9			0	
HCM LOS	D						
Minor Lane/Major Mvi	mt	NBL	NBT	EBLn1	SBT	SBR	
Capacity (veh/h)		595	-	295	-	-	

Capacity (ven/n)	595	- 290	-	-	
HCM Lane V/C Ratio	0.097	- 0.508	-	-	
HCM Control Delay (s/veh)	11.7	- 29.1	-	-	
HCM Lane LOS	В	- D	-	-	
HCM 95th %tile Q(veh)	0.3	- 2.7	-	-	

Int Delay, s/veh	4					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y		٦		_ ∱ ⊅	
Traffic Vol, veh/h	66	213	119	881	495	37
Future Vol, veh/h	66	213	119	881	495	37
Conflicting Peds, #/hr	2	2	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	245	-	-	-
Veh in Median Storage	, # 1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	3	2	2	4	0
Mvmt Flow	72	232	129	958	538	40

Major/Minor	Minor2	Ν	/lajor1	Maj	or2	
Conflicting Flow All	1298	291	578	0	-	0
Stage 1	558	-	-	-	-	-
Stage 2	740	-	-	-	-	-
Critical Hdwy	6.86	6.96	4.14	-	-	-
Critical Hdwy Stg 1	5.86	-	-	-	-	-
Critical Hdwy Stg 2	5.86	-	-	-	-	-
Follow-up Hdwy	3.53	3.33	2.22	-	-	-
Pot Cap-1 Maneuver	152	702	991	-	-	-
Stage 1	534	-	-	-	-	-
Stage 2	430	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuve	r 132	701	991	-	-	-
Mov Cap-2 Maneuve	r 264	-	-	-	-	-
Stage 1	464	-	-	-	-	-
Stage 2	430	-	-	-	-	-

Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT	SBR
Capacity (veh/h)	991	- 504	-	-
HCM Lane V/C Ratio	0.13	- 0.602	-	-
HCM Control Delay (s/veh)	9.2	- 22.4	-	-
HCM Lane LOS	А	- C	-	-
HCM 95th %tile Q(veh)	0.4	- 3.9	-	-

7

Intersection

Int Delay, s/veh

Movement	EBU	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations		Y			<u>ار ا</u>	<u>_</u>	_ ≜ î≽	
Traffic Vol, veh/h	1	75	164	8	166	590	840	69
Future Vol, veh/h	1	75	164	8	166	590	840	69
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	None
Storage Length	-	0	-	-	245	-	-	-
Veh in Median Storage,	# -	1	-	-	-	0	0	-
Grade, %	-	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92
Heavy Vehicles, %	0	1	2	0	2	1	1	0
Mvmt Flow	1	82	178	9	180	641	913	75

Major/Minor	Minor2		Ν	/lajor1		М	ajor2		
Conflicting Flow All	0	1649	494	988	988	0	-	0	
Stage 1	0		-	-	-	-	-	-	
Stage 2	0	699	-	-	-	-	-	-	
Critical Hdwy	-	•••	6.94	6.4	4.14	-	-	-	
Critical Hdwy Stg 1	-	5.82	-	-	-	-	-	-	
Critical Hdwy Stg 2	-	5.82	-	-	-	-	-	-	
Follow-up Hdwy	-	3.51	3.32	2.5	2.22	-	-	-	
Pot Cap-1 Maneuver		91	521	344	695	-	-	-	
Stage 1	0	338	-	-	-	-	-	-	
Stage 2	0	457	-	-	-	-	-	-	
Platoon blocked, %	-		=0.4	005	005	-	-	-	
Mov Cap-1 Maneuve			521	635	635	-	-	-	
Mov Cap-2 Maneuve		185	-	-	-	-	-	-	
Stage 1	0		-	-	-	-	-	-	
Stage 2	0	457	-	-	-	-	-	-	
Approach	EB			NB			SB		
HCM Control Delay,	s/v45.93			2.98			0		
HCM LOS	E								
Minor Lane/Major My	/mt	NBL	NBT E	BLn1	SBT	SBR			
Capacity (veh/h)		635		331	-	-			
HCM Lane V/C Ratio)	0.298	-	0.784	-	-			
HCM Control Delay (13.1	-	45.9	-	-			
HCM Lane LOS		В	-	E	-	-			
HCM 95th %tile Q(ve	eh)	1.2	-	6.4	-	-			
Notes									
Notes		^ D				0			

-: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

06/03/2024

Int Delay, s/veh	3.1						
Movement	EBL	EBR	NBL	NBT	SBT	SBR	(
Lane Configurations	Y		٦	- † †	_ ∱ ⊅		
Traffic Vol, veh/h	55	187	107	877	480	32	!
Future Vol, veh/h	55	187	107	877	480	32	
Conflicting Peds, #/hr	2	2	0	0	0	0	1
Sign Control	Stop	Stop	Free	Free	Free	Free	;
RT Channelized	-	None	-	None	-	None	ļ
Storage Length	0	-	245	-	-	-	
Veh in Median Storage,	# 1	-	-	0	0	-	
Grade, %	0	-	-	0	0	-	
Peak Hour Factor	92	92	92	92	92	92	
Heavy Vehicles, %	3	3	2	2	4	0	1
Mvmt Flow	60	203	116	953	522	35	į

Major/Minor	Minor2	ľ	/lajor1	Majo	or2	
Conflicting Flow All	1250	280	557	0	-	0
Stage 1	539	-	-	-	-	-
Stage 2	711	-	-	-	-	-
Critical Hdwy	6.86	6.96	4.14	-	-	-
Critical Hdwy Stg 1	5.86	-	-	-	-	-
Critical Hdwy Stg 2	5.86	-	-	-	-	-
Follow-up Hdwy	3.53	3.33	2.22	-	-	-
Pot Cap-1 Maneuver		714	1010	-	-	-
Stage 1	546	-	-	-	-	-
Stage 2	445	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuve		713	1010	-	-	-
Mov Cap-2 Maneuve	r 277	-	-	-	-	-
Stage 1	483	-	-	-	-	-
Stage 2	445	-	-	-	-	-

Approach EB	NB	SB
HCM Control Delay, s/v18.54	0.98	0
HCM LOS C		

Minor Lane/Major Mvmt	NBL	NBT EBLn	SBT	SBR
Capacity (veh/h)	1010	- 52	j -	-
HCM Lane V/C Ratio	0.115	- 0.50	-	-
HCM Control Delay (s/veh)	9	- 18.	; -	-
HCM Lane LOS	А	- (; -	-
HCM 95th %tile Q(veh)	0.4	- 2.8	3 -	-

06/05/2024

Intersection

Int Delay, s/veh	11.1							
Movement	EBU	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations		۰¥			٦		_ ∱ ⊅	
Traffic Vol, veh/h	1	83	183	10	195	601	851	81
Future Vol, veh/h	1	83	183	10	195	601	851	81
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	None
Storage Length	-	0	-	-	245	-	-	-
Veh in Median Storage	, # -	1	-	-	-	0	0	-
Grade, %	-	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92
Heavy Vehicles, %	0	1	2	0	2	1	1	0
Mvmt Flow	1	90	199	11	212	653	925	88

Major/Minor I	Minor2		I	Major1		М	ajor2			
Conflicting Flow All	0	1741	507	1013	1013	0	-	0		
Stage 1	0	969	-	-	-	-	-	-		
Stage 2	0	772	-	-	-	-	-	-		
Critical Hdwy	-	6.82	6.94	6.4	4.14	-	-	-		
Critical Hdwy Stg 1	-	5.82	-	-	-	-	-	-		
Critical Hdwy Stg 2	-	5.82	-	-	-	-	-	-		
Follow-up Hdwy	-	3.51	3.32	2.5	2.22	-	-	-		
Pot Cap-1 Maneuver	0	~ 79	511	331	680	-	-	-		
Stage 1	0	331	-	-	-	-	-	-		
Stage 2	0	419	-	-	-	-	-	-		
Platoon blocked, %	-					-	-	-		
Mov Cap-1 Maneuver	0	~ 59	511	610	610	-	-	-		
Mov Cap-2 Maneuver	0	167	-	-	-	-	-	-		
Stage 1	0	247	-	-	-	-	-	-		
Stage 2	0	419	-	-	-	-	-	-		
Approach	EB			NB			SB			
HCM Control Delay, s/	v72.32			3.63			0			
HCM LOS	F									
Minor Lane/Major Mvm	nt	NBL	NBTI	EBLn1	SBT	SBR				
Capacity (veh/h)		610	-	311	-	-				
HCM Lane V/C Ratio		0.365	-	0.93	-	-				
HCM Control Delay (s/	/veh)	14.3	-	72.3	-	-				
HCM Lane LOS	,	В	-	F	-	-				
HCM 95th %tile Q(veh))	1.7	-	9.1	-	-				
Notes										
					20				 	

*: All major volume in platoon ~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations		\$			\$			\$			\$		
Traffic Vol, veh/h	0	0	0	1	0	52	0	1	12	71	0	0	
Future Vol, veh/h	0	0	0	1	0	52	0	1	12	71	0	0	
Conflicting Peds, #/hr	0	0	0	0	0	0	2	0	2	0	0	0	
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	
RT Channelized	-	-	None										
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-	
Veh in Median Storage,	,# -	0	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	
Heavy Vehicles, %	6	6	6	0	0	0	0	0	0	0	0	0	
Mvmt Flow	0	0	0	1	0	57	0	1	13	77	0	0	

Major/Minor	Minor2		ľ	Minor1		ľ	Major1		N	/lajor2			
Conflicting Flow All	157	172	2	164	166	10	2	0	0	16	0	0	
Stage 1	156	156	-	10	10	-	-	-	-	-	-	-	
Stage 2	1	16	-	154	156	-	-	-	-	-	-	-	
Critical Hdwy	7.16	6.56	6.26	7.1	6.5	6.2	4.1	-	-	4.1	-	-	
Critical Hdwy Stg 1	6.16	5.56	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.16	5.56	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.554	4.054	3.354	3.5	4	3.3	2.2	-	-	2.2	-	-	
Pot Cap-1 Maneuver	800	714	1071	805	730	1078	1634	-	-	1615	-	-	
Stage 1	837	761	-	1017	892	-	-	-	-	-	-	-	
Stage 2	1012	874	-	853	772	-	-	-	-	-	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	720	677	1069	765	693	1076	1631	-	-	1611	-	-	
Mov Cap-2 Maneuver	720	677	-	765	693	-	-	-	-	-	-	-	
Stage 1	795	723	-	1015	890	-	-	-	-	-	-	-	
Stage 2	958	872	-	812	734	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.56	0	7.35	
HCM LOS	А	А			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	Ln1W	/BLn1	SBL	SBT	SBR
Capacity (veh/h)	1631	-	-	-	1068	1611	-	-
HCM Lane V/C Ratio	-	-	-	-	0.054	0.048	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.6	7.3	0	-
HCM Lane LOS	А	-	-	А	А	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations		4			4			4			4		
Traffic Vol, veh/h	0	0	0	1	0	57	0	1	12	75	0	0	
Future Vol, veh/h	0	0	0	1	0	57	0	1	12	75	0	0	
Conflicting Peds, #/hr	0	0	0	0	0	0	2	0	2	0	0	0	
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None	
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-	
Veh in Median Storage,	, # -	0	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	
Heavy Vehicles, %	6	6	6	0	0	0	0	0	0	0	0	0	
Mvmt Flow	0	0	0	1	0	62	0	1	13	82	0	0	

Major/Minor	Minor2	Minor1				M	Major1			Major2			
Conflicting Flow All	166	181	2	173	175	10	2	0	0	16	0	0	
Stage 1	165	165	-	10	10	-	-	-	-	-	-	-	
Stage 2	1	16	-	163	165	-	-	-	-	-	-	-	
Critical Hdwy	7.16	6.56	6.26	7.1	6.5	6.2	4.1	-	-	4.1	-	-	
Critical Hdwy Stg 1	6.16	5.56	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.16	5.56	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.554	4.054	3.354	3.5	4	3.3	2.2	-	-	2.2	-	-	
Pot Cap-1 Maneuver	789	706	1071	795	722	1078	1634	-	-	1615	-	-	
Stage 1	828	754	-	1017	892	-	-	-	-	-	-	-	
Stage 2	1012	874	-	844	766	-	-	-	-	-	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	705	667	1069	753	683	1076	1631	-	-	1611	-	-	
Mov Cap-2 Maneuver	705	667	-	753	683	-	-	-	-	-	-	-	
Stage 1	784	715	-	1015	890	-	-	-	-	-	-	-	
Stage 2	953	872	-	801	725	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.58	0	7.35	
HCM LOS	А	А			

Minor Lane/Major Mvmt	NBL	NBT	NBR EE	SLn1V	VBLn1	SBL	SBT	SBR
Capacity (veh/h)	1631	-	-	-	1068	1611	-	-
HCM Lane V/C Ratio	-	-	-	-	0.059	0.051	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.6	7.4	0	-
HCM Lane LOS	А	-	-	Α	А	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Intersection

Movement	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations		4				4			4			\$		
Traffic Vol, veh/h	0	0	0	2	2	0	51	0	1	11	82	4	0	
Future Vol, veh/h	0	0	0	2	2	0	51	0	1	11	82	4	0	
Conflicting Peds, #/hr	2	0	2	1	1	0	1	2	0	2	0	0	0	
Sign Control	Stop	Free	Free	Free	Free	Free	Free							
RT Channelized	-	-	None	-	-	-	None	-	-	None	-	-	None	
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veh in Median Storage,	# -	0	-	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	
Heavy Vehicles, %	0	0	0	0	0	0	2	0	0	0	6	0	0	
Mvmt Flow	0	0	0	2	2	0	55	0	1	12	89	4	0	

Major/Minor	Minor2		Ν	1inor1			ľ	Major1		ľ	Major2			
Conflicting Flow All	188	200	8	0	194	194	11	6	0	0	15	0	0	
Stage 1	185	185	-	0	9	9	-	-	-	-	-	-	-	
Stage 2	3	15	-	0	185	185	-	-	-	-	-	-	-	
Critical Hdwy	7.1	6.5	6.2	-	7.1	6.5	6.22	4.1	-	-	4.16	-	-	
Critical Hdwy Stg 1	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.5	4	3.3	-	3.5	4	3.318	2.2	-	-	2.254	-	-	
Pot Cap-1 Maneuver	777	700	1079	0	770	705	1070	1628	-	-	1577	-	-	
Stage 1	822	751	-	0	1017	892	-	-	-	-	-	-	-	
Stage 2	1025	887	-	0	822	751	-	-	-	-	-	-	-	
Platoon blocked, %				-					-	-		-	-	
Mov Cap-1 Maneuver	692	658	1075	0	724	663	1066	1625	-	-	1574	-	-	
Mov Cap-2 Maneuver	692	658	-	0	724	663	-	-	-	-	-	-	-	
Stage 1	774	707	-	0	1015	890	-	-	-	-	-	-	-	
Stage 2	970	885	-	0	774	707	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.65	0	7.08	
HCM LOS	А	A			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	SLn1V	VBLn1	SBL	SBT	SBR
Capacity (veh/h)	1625	-	-	-	1047	1570	-	-
HCM Lane V/C Ratio	-	-	-	-	0.057	0.057	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.6	7.4	0	-
HCM Lane LOS	А	-	-	А	А	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Intersection

Movement	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations		\$				\$			\$			\$		
Traffic Vol, veh/h	0	0	0	2	2	0	57	0	1	11	87	4	0	
Future Vol, veh/h	0	0	0	2	2	0	57	0	1	11	87	4	0	
Conflicting Peds, #/hr	2	0	2	1	1	0	1	2	0	2	0	0	0	
Sign Control	Stop	Free	Free	Free	Free	Free	Free							
RT Channelized	-	-	None	-	-	-	None	-	-	None	-	-	None	
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veh in Median Storage,	# -	0	-	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	
Heavy Vehicles, %	0	0	0	0	0	0	2	0	0	0	6	0	0	
Mvmt Flow	0	0	0	2	2	0	62	0	1	12	95	4	0	

Major/Minor	Minor2		Ν	/linor1			I	Major1		I	Major2			
Conflicting Flow All	199	211	8	0	205	205	11	6	0	0	15	0	0	
Stage 1	195	195	-	0	9	9	-	-	-	-	-	-	-	
Stage 2	3	15	-	0	195	195	-	-	-	-	-	-	-	
Critical Hdwy	7.1	6.5	6.2	-	7.1	6.5	6.22	4.1	-	-	4.16	-	-	
Critical Hdwy Stg 1	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.5	4	3.3	-	3.5	4	3.318	2.2	-	-	2.254	-	-	
Pot Cap-1 Maneuver	765	690	1079	0	758	695	1070	1628	-	-	1577	-	-	
Stage 1	811	743	-	0	1017	892	-	-	-	-	-	-	-	
Stage 2	1025	887	-	0	811	743	-	-	-	-	-	-	-	
Platoon blocked, %				-					-	-		-	-	
Mov Cap-1 Maneuver	674	646	1075	0	709	651	1066	1625	-	-	1574	-	-	
Mov Cap-2 Maneuver	674	646	-	0	709	651	-	-	-	-	-	-	-	
Stage 1	761	697	-	0	1015	890	-	-	-	-	-	-	-	
Stage 2	963	885	-	0	761	697	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.67	0	7.11	
HCM LOS	А	А			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	SLn1W	VBLn1	SBL	SBT	SBR
Capacity (veh/h)	1625	-	-	-	1048	1570	-	-
HCM Lane V/C Ratio	-	-	-	-	0.063	0.06	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.7	7.4	0	-
HCM Lane LOS	А	-	-	А	А	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Int Delay, s/veh	1.8					
Movement	SBL	SBR	NEL	NET	SWT	SWR
Lane Configurations	Y			ا	વે	
Traffic Vol, veh/h	34	3	1	86	55	16
Future Vol, veh/h	34	3	1	86	55	16
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	37	3	1	93	60	17

Major/Minor	Minor2	ľ	Major1	Ма	jor2	
Conflicting Flow All	164	68	77	0	-	0
Stage 1	68	-	-	-	-	-
Stage 2	96	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	831	1000	1534	-	-	-
Stage 1	959	-	-	-	-	-
Stage 2	933	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuve	r 831	1000	1534	-	-	-
Mov Cap-2 Maneuve	r 831	-	-	-	-	-
Stage 1	959	-	-	-	-	-
Stage 2	933	-	-	-	-	-

Approach SB	NE	SW
HCM Control Delay, s/v 9.49	0.08	0
HCM LOS A		

Minor Lane/Major Mvmt	NEL	NET	SBLn1	SWT	SWR
Capacity (veh/h)	21	-	842	-	-
HCM Lane V/C Ratio	0.001	-	0.048	-	-
HCM Control Delay (s/veh)	7.3	0	9.5	-	-
HCM Lane LOS	А	А	А	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Int Delay, s/veh	1.3					
Movement	SBL	SBR	NEL	NET	SWT	SWR
Lane Configurations	Y			र्च	ef -	
Traffic Vol, veh/h	25	2	3	95	59	39
Future Vol, veh/h	25	2	3	95	59	39
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	27	2	3	103	64	42

Major/Minor	Minor2	ľ	Major1	Maj	or2		
Conflicting Flow All	195	85	107	0	-	0	
Stage 1	85	-	-	-	-	-	
Stage 2	110	-	-	-	-	-	
Critical Hdwy	6.4	6.2	4.1	-	-	-	
Critical Hdwy Stg 1	5.4	-	-	-	-	-	
Critical Hdwy Stg 2	5.4	-	-	-	-	-	
Follow-up Hdwy	3.5	3.3	2.2	-	-	-	
Pot Cap-1 Maneuver	798	979	1497	-	-	-	
Stage 1	943	-	-	-	-	-	
Stage 2	920	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuve		979	1497	-	-	-	
Mov Cap-2 Maneuve	r 796	-	-	-	-	-	
Stage 1	941	-	-	-	-	-	
Stage 2	920	-	-	-	-	-	

Approach SB	NE	SW
HCM Control Delay, s/v 9.63	0.23	0
HCM LOS A		

Minor Lane/Major Mvmt	NEL	NET	SBLn1	SWT	SWR
Capacity (veh/h)	55	-	808	-	-
HCM Lane V/C Ratio	0.002	-	0.036	-	-
HCM Control Delay (s/veh)	7.4	0	9.6	-	-
HCM Lane LOS	А	А	А	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Int Delay, s/veh	2.1					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	ef -			ا	Y	
Traffic Vol, veh/h	66	2	12	86	3	35
Future Vol, veh/h	66	2	12	86	3	35
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	72	2	13	93	3	38

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	(74	0	192	73
Stage 1			-	-	73	-
Stage 2			-	-	120	-
Critical Hdwy			4.1	-	6.4	6.2
Critical Hdwy Stg 1			-	-	5.4	-
Critical Hdwy Stg 2			-	-	5.4	-
Follow-up Hdwy			2.2	-	3.5	3.3
Pot Cap-1 Maneuver			1538	-	801	995
Stage 1			-	-	955	-
Stage 2			-	-	911	-
Platoon blocked, %				-		
Mov Cap-1 Maneuver			1538	-	794	995
Mov Cap-2 Maneuver			-	-	794	-
Stage 1			-	-	955	-
Stage 2			-	-	902	-
Approach	EE	}	WB		NB	
HCM Control Delay, s/	/v ()	0.9		8.85	
HCM LOS					А	
Minor Lane/Major Mvn	nt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)		975	-	-	220	-
HCM Lane V/C Ratio		0.042	-	-	0.008	-
HCM Control Delay (s/	/veh)	8.9	-	-	7.4	0
HCM Lane LOS		А	-	-	А	А
HCM 95th %tile Q(veh	1)	0.1	-	-	0	-

Int Delay, s/veh	2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	ef -			- (۰¥	
Traffic Vol, veh/h	81	4	31	97	2	26
Future Vol, veh/h	81	4	31	97	2	26
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	88	4	34	105	2	28

Major/Minor Ma	ajor1	Ν	lajor2	ľ	Minor1	
Conflicting Flow All	0	0	92	0	263	90
Stage 1	-	-	-	-	90	-
Stage 2	-	-	-	-	173	-
Critical Hdwy	-	-	4.1	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	-	-	2.2	-	3.5	3.3
Pot Cap-1 Maneuver	-	-	1515	-	730	973
Stage 1	-	-	-	-	938	-
Stage 2	-	-	-	-	862	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1515	-	713	973
Mov Cap-2 Maneuver	-	-	-	-	713	-
Stage 1	-	-	-	-	938	-
Stage 2	-	-	-	-	842	-
Approach	EB		WB		NB	
HCM Control Delay, s/v	0		1.8		8.92	
HCM LOS	0		1.0		0.92 A	
					A	
Minor Lane/Major Mvmt	N	IBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)		948	-	-	436	-
HCM Lane V/C Ratio		0.032	-	-	0.022	-

HCM Lane V/C Ratio	0.032	-	- 0.022	-	
HCM Control Delay (s/veh)	8.9	-	- 7.4	0	
HCM Lane LOS	А	-	- A	А	
HCM 95th %tile Q(veh)	0.1	-	- 0.1	-	

06/05/2024

1: Flightway Ave./University Blvd

2025_Conditions

Flightway Ave.

University Blvd.

Signalized

Flightway Ave. / University Blvd.	EB (F	lightway	Ave.)	NB (U	niversity	Blvd.)	SB (University Blvd.)				
2025_Conditions	L	Т	R	L	Т	R	L	Т	R		
Existing Lane Geometry	1>	0	0	<1	2	0	0	2>	0		
AM Peak Hour											
2025_NO BUILD Volumes	50		35	76	857			476	40		
V/C Ratio	0.23			0.08							
Level-of-Service	С			Α							
Control Delay (Seconds)	16.7		0.0	9.0	0.0			0.0	0.0		
Intersection LOS	TWSC										
95th Percentile Queue (veh)	0.9		0.0	0.3	0.0			0.2	0.0		
2025_BUILD Volumes	73		50	80	868			481	49		
V/C Ratio	0.34			0.09							
Level-of-Service	С			Α							
Control Delay (Seconds)	19.0		0.0	9.1	0.0			0.0	0.0		
Intersection LOS	TWSC										
95th Percentile Queue (veh)	1.5		0.0	0.3	0.0			0.0	0.0		

2025_NO BUILD Volumes	62	48	42	625		857	74
V/C Ratio	0.38		0.08				
Level-of-Service	С		В				
Control Delay (Seconds)	23.6	0.0	11.4	0.0		0.0	0.0
Intersection LOS				TWSC			
95th Percentile Queue (veh)	1.7	0.0	0.2	0.0		0.0	0.0
2025_BUILD Volumes	79	59	53	636		869	97
V/C Ratio	0.51		0.10				
Level-of-Service	D		В				
Control Delay (Seconds)	29.1	0.0	11.7	0.0		0.0	0.0
Intersection LOS				TWSC	-		
95th Percentile Queue (veh)	2.7	0.0	0.3	0.0		0.0	0.0

2: Woodward Rd./University Blvd.

2025_Conditions

Woodward Rd.

University Blvd.

Signalized

Woodward Rd. / University Blvd.	EB (V	Voodwar	d Rd.)	NB (U	niversity	Blvd.)	SB (U	niversity	Blvd.)
2025_Conditions	L	Т	R	L	Т	R	L	Т	R
Existing Lane Geometry	1>	0	0	1	2	0	0	2>	0
AM Peak Hour									
2025_NO BUILD Volumes	55		187	107	877			480	32
V/C Ratio	0.50			0.12					
Level-of-Service	С			Α					
Control Delay (Seconds)	18.5		0.0	9.0				0.0	0.0
Intersection LOS			-		TWSC	-			
95th Percentile Queue (veh)	2.8		0.0	0.4	0.0			0.0	0.0
2025_BUILD Volumes	66		213	119	881			495	37
V/C Ratio	0.60			0.13					
Level-of-Service	С			Α					
Control Delay (Seconds)	22.4		0.0	9.2				0.0	0.0
Intersection LOS		-	-	-	TWSC	-		-	-
95th Percentile Queue (veh)	3.9		0.0	0.4	0.0			0.0	0.0

2025_NO BUILD Volumes	76		164	174	590		840	69
V/C Ratio	0.78			0.30				
Level-of-Service	E			В				
Control Delay (Seconds)	45.9		0.0	13.1			0.0	0.0
Intersection LOS			-		TWSC	 -		
95th Percentile Queue (veh)	6.4		0.0	1.2	0.0		0.0	0.0
2025_BUILD Volumes	84		183	205	601		851	81
V/C Ratio	0.93			0.37				
Level-of-Service	F			В				
Control Delay (Seconds)	72.3		0.0	14.3			0.0	0.0
Intersection LOS		-	-		TWSC	 -		
95th Percentile Queue (veh)	9.1		0.0	1.7	0.0		0.0	0.0

3: Woodward Rd./Transport St.

2025_Conditions

Woodward Rd.

Transport St.

Signalized

Woodward Rd. / Transport St.	EB (V	Voodwar	d Rd.)	WB (V	Voodwar	d Rd.)	NB (Transpo	rt St.)	SB (Transpoi	rt St.)
2025_Conditions	L	Т	R	L	Т	R	L	Т	R	L	Т	R
Existing Lane Geometry	0	<1>	0	0	<1>	0	0	<1>	0	0	<1>	0
AM Peak Hour												
2025_NO BUILD Volumes	0	0	0	1	0	52	0	1	12	71	0	0
V/C Ratio	0.00			0.05			0.00			0.05		
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
Intersection LOS		•		•	•	ТМ	ISC			•		
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2025_BUILD Volumes	0	0	0	1	0	57	0	1	12	75	0	0
V/C Ratio	0.00			0.06						0.05		
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS		•		•	•	ТМ	ISC			•	•	
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

2025_NO BUILD Volumes	0	0	0	4	0	51	0	1	11	82	4	0
V/C Ratio	0.00			0.06			0.00			0.06		
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	ISC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2025_BUILD Volumes	0	0	0	4	0	57	0	1	11	87	4	0
V/C Ratio	0.00			0.06			0.00			0.06		
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	ISC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

4: DaVita Access & Transport St.

2025_Conditions

DaVita Access

Transport St.

Signalized

DaVita Access / Transport St.	EB (D	aVita Ac	cess)	NB (Transpo	rt St.)	SB (Transpor	rt St.)
2025_Conditions	L	Т	R	L	Т	R	L	Т	R
Existing Lane Geometry	1>	0	0	1	2	0	0	2>	0
AM Peak Hour									
2025_NO BUILD Volumes									
V/C Ratio									
Level-of-Service									
Control Delay (Seconds)									
Intersection LOS					TWSC				
95th Percentile Queue (veh)									
2025_BUILD Volumes									
V/C Ratio									
Level-of-Service									
Control Delay (Seconds)									
Intersection LOS					TWSC				
95th Percentile Queue (veh)									

		TWSC				
• • •	-	TWSC		-	-	
			Image: selection of the selection	Image: Sector	Image: state stat	Image: selection of the selection

5: Driveway "A" & Woodward Rd.

2025_Conditions

Woodward Rd.

Driveway "A"

Unsignalized

Woodward Rd. / Driveway "A"	EB (V	Voodwar	d Rd.)	WB (V	Voodwar	d Rd.)	SB (Driveway	"A")
2025_Conditions	L	Т	R	L	Т	R	L	Т	R
Proposed Lane Geometry	0	<1	0	0	1>	0	1>	0	0
AM Peak Hour									
2025_BUILD Volumes	1	86	0	0	55	16	34	0	3
V/C Ratio	0.00						0.05		
Level-of-Service	Α	А					А		
Control Delay (Seconds)	7.3	0.0			0.0		9.5		0.0
Intersection LOS		-	-	-	TWS	С	•	-	-
95th Percentile Queue (veh)	0.0	0.0			0.0		0.2		0.0

2025_BUILD Volumes	3	95	0	0	59	39	25	0	2
V/C Ratio	0.00						0.04		
Level-of-Service	Α	А					Α		
Control Delay (Seconds)	7.4	0.0			0.0		9.6		0.0
Intersection LOS					TWS	C			
95th Percentile Queue (veh)	0.0	0.0			0.0		0.1		0.0

6:Driveway "B" & Flightway Ave.

2025_Conditions

Flightway Ave

Driveway "B"

Unsignalized

Flightway Ave / Driveway "B"	EB (F	lightway	/ Ave)	WB (Flightway	Ave)	NB (Driveway	/ "B")
2025_Conditions	L	Т	R	L	Т	R	L	Т	R
Proposed Lane Geometry	0	1>	0	0	<1	0	1>	0	0
AM Peak Hour									
2025_BUILD Volumes		66	2	12	86		3		35
V/C Ratio				0.01			0.04		
Level-of-Service				Α	Α		Α		
Control Delay (Seconds)		0.0	0.0	7.4	0.0		8.9		0.0
Intersection LOS			-	-	TWSC				
95th Percentile Queue (veh)		0.0	0.0	0.0	0.0		0.1		0.0

2025_BUILD Volumes	81	4	31	97	2	26
V/C Ratio			0.02		0.03	
Level-of-Service			А	Α	А	
Control Delay (Seconds)	0.0	0.0	7.4	0.0	8.9	0.0
Intersection LOS				TWSC		
95th Percentile Queue (veh)	0.0	0.0	0.1	0.0	0.1	0.0

Appendix 11

Int Delay, s/veh	1.4						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			1	- † †	∱ î≽	
Traffic Vol, veh/h	53	37	1	79	900	500	42
Future Vol, veh/h	53	37	1	79	900	500	42
Conflicting Peds, #/hr	3	3	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	2	14	0	5	1	3	5
Mvmt Flow	58	40	1	86	978	543	46

Major/Minor	Minor2	Ν	/lajor1		Ма	ajor2		
Conflicting Flow All	1232	298	589	589	0	-	0	
Stage 1	566	-	-	-	-	-	-	
Stage 2	666	-	-	-	-	-	-	
Critical Hdwy	6.84	7.18	6.4	4.2	-	-	-	
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-	
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-	
Follow-up Hdwy	3.52	3.44	2.5	2.25	-	-	-	
Pot Cap-1 Maneuver	169	664	616	962	-	-	-	
Stage 1	531	-	-	-	-	-	-	
Stage 2	472	-	-	-	-	-	-	
Platoon blocked, %					-	-	-	
Mov Cap-1 Maneuver		662	954	954	-	-	-	
Mov Cap-2 Maneuver	295	-	-	-	-	-	-	
Stage 1	501	-	-	-	-	-	-	
Stage 2	472	-	-	-	-	-	-	
Approach	EB		NB			SB		
HCM Control Delay, s	s/v17.64		0.75			0		
HCM LOS	С							

Minor Lane/Major Mvmt	NBL	NBT EBLn	SBT	SBR	
Capacity (veh/h)	954	- 382	2 -	-	
HCM Lane V/C Ratio	0.091	- 0.256) -	-	
HCM Control Delay (s/veh)	9.2	- 17.6) -	-	
HCM Lane LOS	A	- (; -	-	
HCM 95th %tile Q(veh)	0.3	- '	-	-	

Int Delay, s/veh	2						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			٦		- † î>	
Traffic Vol, veh/h	76	52	1	83	911	505	51
Future Vol, veh/h	76	52	1	83	911	505	51
Conflicting Peds, #/hr	3	3	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	2	14	0	5	1	3	5
Mvmt Flow	83	57	1	90	990	549	55

Major/Minor	Minor2	Ν	/lajor1		ľ	Major2					
Conflicting Flow All	1257	305	604	604	0	-	0				
Stage 1	577	-	-	-	-	-	-				
Stage 2	681	-	-	-	-	-	-				
Critical Hdwy	6.84	7.18	6.4	4.2	-	-	-				
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-				
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-				
Follow-up Hdwy	3.52	3.44	2.5	2.25	-	-	-				
Pot Cap-1 Maneuver	163	656	602	949	-	-	-				
Stage 1	525	-	-	-	-	-	-				
Stage 2	464	-	-	-	-	-	-				
Platoon blocked, %					-	-	-				
Mov Cap-1 Maneuver	153	655	941	941	-	-	-				
Mov Cap-2 Maneuver	288	-	-	-	-	-	-				
Stage 1	493	-	-	-	-	-	-				
Stage 2	464	-	-	-	-	-	-				
Approach	EB		NB			SB					
HCM Control Delay, s	s/v20.29		0.78			0					
HCM LOS	С										
Minor Lane/Maior My	mt	NBL	NBTE	EBLn1	SBT	SBR					

Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT	SBR	
Capacity (veh/h)	941	- 373	-	-	
HCM Lane V/C Ratio	0.097	- 0.373	-	-	
HCM Control Delay (s/veh)	9.2	- 20.3	-	-	
HCM Lane LOS	А	- C	-	-	
HCM 95th %tile Q(veh)	0.3	- 1.7	-	-	

Int Delay, s/veh	2						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			à	<u>_</u>	- † î>	
Traffic Vol, veh/h	65	51	2	40	659	900	78
Future Vol, veh/h	65	51	2	40	659	900	78
Conflicting Peds, #/hr	6	6	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	8	1	1	5
Mvmt Flow	71	55	2	43	716	978	85

Minor2	Ν	Major1		Ma	jor2		
1476	538	1063	1063	0	-	0	
1021	-	-	-	-	-	-	
455	-	-	-	-	-	-	
6.8	6.94	6.4	4.26	-	-	-	
5.8	-	-	-	-	-	-	
	-	-	-	-	-	-	
	3.32	2.5	2.28	-	-	-	
	488	308	617	-	-	-	
	-	-	-	-	-	-	
611	-	-	-	-	-	-	
				-	-	-	
	485	582	582	-	-	-	
r 226	-	-	-	-	-	-	
	-	-	-	-	-	-	
611	-	-	-	-	-	-	
EB		NB			SB		
s/v25.98		0.7			0		
D							
	1476 1021 455 6.8 5.8 3.5 119 313 611 r 113 r 226 297 611 EB s/v25.98	1476 538 1021 - 455 - 6.8 6.94 5.8 - 3.5 3.32 119 488 313 - 611 - r 113 485 r 226 - 297 - 611 611 - - EB - -	1476 538 1063 1021 - - 455 - - 6.8 6.94 6.4 5.8 - - 3.5 3.32 2.5 119 488 308 313 - - 611 - - r 226 - 297 - - 611 - - EB NB s/v25.98 0.7	1476 538 1063 1063 1021 - - - 455 - - - 6.8 6.94 6.4 4.26 5.8 - - - 3.5 3.32 2.5 2.28 119 488 308 617 313 - - - 611 - - - 7 113 485 582 582 7 226 - - - 297 - - - - EB NB - - - \$/v25.98 0.7 - - -	1476 538 1063 1063 0 1021 - - - - 455 - - - - 6.8 6.94 6.4 4.26 - 5.8 - - - - 3.5 3.32 2.5 2.28 - 119 488 308 617 - 313 - - - - 611 - - - - r 113 485 582 582 - r 226 - - - - 297 - - - - - EB NB - - - - s/v25.98 0.7 - - - -	1476 538 1063 1063 0 - 1021 - - - - - 455 - - - - - 6.8 6.94 6.4 4.26 - - 5.8 - - - - - 5.8 - - - - - 3.5 3.32 2.5 2.28 - - 313 - - - - - 611 - - - - - r 113 485 582 582 - - r 226 - - - - - 297 - - - - - - 611 - - - - - - gene NB SB SB - - - s/v25.98 0.7 0 0 - -	1476 538 1063 1063 0 - 0 1021 - - - - - - - 455 - - - - - - - - 6.8 6.94 6.4 4.26 - - - - - 5.8 - - - - - - - - 5.8 - </td

Minor Lane/Major Mvmt	NBL	NBT EBLr	1 SBT	SBR
Capacity (veh/h)	582	- 29	5 -	-
HCM Lane V/C Ratio	0.078	- 0.42	7 -	-
HCM Control Delay (s/veh)	11.7	- 2	6 -	-
HCM Lane LOS	В	-) -	-
HCM 95th %tile Q(veh)	0.3	-	2 -	-

Int Delay, s/veh	2.9						
Movement	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations	Y			٦	<u></u>	- † 12	
Traffic Vol, veh/h	82	62	3	50	667	912	101
Future Vol, veh/h	82	62	3	50	667	912	101
Conflicting Peds, #/hr	6	6	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	None	-	None
Storage Length	0	-	-	175	-	-	-
Veh in Median Storage	, # 1	-	-	-	0	0	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	8	1	1	5
Mvmt Flow	89	67	3	54	725	991	110

Major/Minor	Minor2	ľ	Major1		Ма	ajor2		
Conflicting Flow All	1530	557	1101	1101	0	-	0	
Stage 1	1046	-	-	-	-	-	-	
Stage 2	484	-	-	-	-	-	-	
Critical Hdwy	6.8	6.94	6.4	4.26	-	-	-	
Critical Hdwy Stg 1	5.8	-	-	-	-	-	-	
Critical Hdwy Stg 2	5.8	-	-	-	-	-	-	
Follow-up Hdwy	3.5	3.32	2.5	2.28	-	-	-	
Pot Cap-1 Maneuver	110	474	291	596	-	-	-	
Stage 1	304	-	-	-	-	-	-	
Stage 2	591	-	-	-	-	-	-	
Platoon blocked, %					-	-	-	
Mov Cap-1 Maneuver	102	471	552	552	-	-	-	
Mov Cap-2 Maneuver	214	-	-	-	-	-	-	
Stage 1	283	-	-	-	-	-	-	
Stage 2	591	-	-	-	-	-	-	
Approach	EB		NB			SB		
HCM Control Delay, s	s/v33.07		0.9			0		

HCM LOS D

Minor Lane/Major Mvmt	NBL	NBT E	BLn1	SBT	SBR
Capacity (veh/h)	552	-	280	-	-
HCM Lane V/C Ratio	0.104	-	0.56	-	-
HCM Control Delay (s/veh)	12.3	-	33.1	-	-
HCM Lane LOS	В	-	D	-	-
HCM 95th %tile Q(veh)	0.3	-	3.2	-	-

06/03/2024

Intersection

Int Delay, s/veh	3.4					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y		٦	^	_ ∱ ⊅	
Traffic Vol, veh/h	58	196	112	921	504	34
Future Vol, veh/h	58	196	112	921	504	34
Conflicting Peds, #/hr	2	2	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	245	-	-	-
Veh in Median Storage,	# 1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	3	2	2	4	0
Mvmt Flow	63	213	122	1001	548	37

Major/Minor	Minor2	Ν	/lajor1	Majo	or2		
Conflicting Flow All	1312	294	585	0	-	0	
Stage 1	566	-	-	-	-	-	
Stage 2	746	-	-	-	-	-	
Critical Hdwy	6.86	6.96	4.14	-	-	-	
Critical Hdwy Stg 1	5.86	-	-	-	-	-	
Critical Hdwy Stg 2	5.86	-	-	-	-	-	
Follow-up Hdwy	3.53	3.33	2.22	-	-	-	
Pot Cap-1 Maneuver	149	699	986	-	-	-	
Stage 1	529	-	-	-	-	-	
Stage 2	427	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuve	r 130	698	986	-	-	-	
Mov Cap-2 Maneuve	r 262	-	-	-	-	-	
Stage 1	463	-	-	-	-	-	
Stage 2	427	-	-	-	-	-	

Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT	SBR
Capacity (veh/h)	986	- 506	-	-
HCM Lane V/C Ratio	0.123	- 0.546	-	-
HCM Control Delay (s/veh)	9.2	- 20.3	-	-
HCM Lane LOS	А	- C	-	-
HCM 95th %tile Q(veh)	0.4	- 3.2	-	-

Int Delay, s/veh	4.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y		٦	<u>_</u>	_ ∱ î≽	
Traffic Vol, veh/h	69	222	124	925	519	39
Future Vol, veh/h	69	222	124	925	519	39
Conflicting Peds, #/hr	2	2	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	245	-	-	-
Veh in Median Storage	, # 1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	3	2	2	4	0
Mvmt Flow	75	241	135	1005	564	42

Minor2	Ν	/lajor1	Maje	or2		
1360	305	607	0	-	0	
585	-	-	-	-	-	
774	-	-	-	-	-	
6.86	6.96	4.14	-	-	-	
5.86	-	-	-	-	-	
5.86	-	-	-	-	-	
3.53	3.33	2.22	-	-	-	
138	688	968	-	-	-	
517	-	-	-	-	-	
413	-	-	-	-	-	
			-	-	-	
	686	968	-	-	-	
250	-	-	-	-	-	
445	-	-	-	-	-	
413	-	-	-	-	-	
	1360 585 774 6.86 5.86 3.53 138 517 413 	1360 305 585 - 774 - 6.86 6.96 5.86 - 3.53 3.33 138 688 517 - 413 - 119 686 250 - 445 -	1360 305 607 585 - - 774 - - 6.86 6.96 4.14 5.86 - - 3.53 3.33 2.22 138 688 968 517 - - 413 - - 119 686 968 250 - - 445 - -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

Approach	EB	NB	SB
HCM Control Delay, s/v	25.26	1.1	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT EBLn1	SBT	SBR
Capacity (veh/h)	968	- 485	-	-
HCM Lane V/C Ratio	0.139	- 0.652	-	-
HCM Control Delay (s/veh)	9.3	- 25.3	-	-
HCM Lane LOS	А	- D	-	-
HCM 95th %tile Q(veh)	0.5	- 4.6	-	-

Intersection

Int Delay, s/veh

Movement	EBU	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations		Y			۲.	<u>_</u>	_ ∱ ⊅	
Traffic Vol, veh/h	1	79	172	8	175	619	882	73
Future Vol, veh/h	1	79	172	8	175	619	882	73
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	None
Storage Length	-	0	-	-	245	-	-	-
Veh in Median Storage,	, # -	1	-	-	-	0	0	-
Grade, %	-	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92
Heavy Vehicles, %	0	1	2	0	2	1	1	0
Mvmt Flow	1	86	187	9	190	673	959	79

Major/Minor	Minor2		ľ	Major1		M	ajor2			
Conflicting Flow All	0	1733	519	1038	1038	0	-	0		
Stage 1	0	998	-	-	-	-	-	-		
Stage 2	0	734	-	-	-	-	-	-		
Critical Hdwy	-	6.82	6.94	6.4	4.14	-	-	-		
Critical Hdwy Stg 1	-	5.82	-	-	-	-	-	-		
Critical Hdwy Stg 2	-	5.82	-	-	-	-	-	-		
Follow-up Hdwy	-	3.51	3.32	2.5	2.22	-	-	-		
Pot Cap-1 Maneuver	0	~ 80	502	319	665	-	-	-		
Stage 1	0	319	-	-	-	-	-	-		
Stage 2	0	438	-	-	-	-	-	-		
Platoon blocked, %	-					-	-	-		
Mov Cap-1 Maneuver		~ 61	502	604	604	-	-	-		
Mov Cap-2 Maneuver		169	-	-	-	-	-	-		
Stage 1	0	246	-	-	-	-	-	-		
Stage 2	0	438	-	-	-	-	-	-		
Approach	EB			NB			SB			
HCM Control Delay, s	v62.65			3.16			0			
HCM LOS	F									
Minor Lane/Major Mvi	mt	NBL	NBT	EBLn1	SBT	SBR				
Capacity (veh/h)		604	-	310	-	-				
HCM Lane V/C Ratio		0.329	-	0.88	-	-				
HCM Control Delay (s	s/veh)	13.9	-	62.7	-	-				
HCM Lane LOS	,	В	-	F	-	-				
HCM 95th %tile Q(vel	h)	1.4	-	8.1	-	-				
Notes										
~: Volume exceeds ca	anacity	¢. Do		oode 3() <u>)</u> e		Itation	Not Defined	*: All major volume in platoon	

~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

06/03/2024

06/05/2024

Intersection								
Int Delay, s/veh	15.5							
Movement	EBU	EBL	EBR	NBU	NBL	NBT	SBT	SBR
Lane Configurations		۰¥			ሻ	- 11	_ ∱ ⊅	
Traffic Vol, veh/h	1	87	191	14	200	630	893	85
Future Vol, veh/h	1	87	191	14	200	630	893	85
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	None
Storage Length	-	0	-	-	245	-	-	-
Veh in Median Storage	e, # -	1	-	-	-	0	0	-
Grade, %	-	0	-	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92
Heavy Vehicles, %	0	1	2	0	2	1	1	0
Mvmt Flow	1	95	208	15	217	685	971	92

Major/Minor	Minor2		Ν	Major1		M	ajor2			
Conflicting Flow All	0	1824	532	1063	1063	0	-	0		
Stage 1	0	1017	-	-	-	-	-	-		
Stage 2	0	808	-	-	-	-	-	-		
Critical Hdwy	-	6.82	6.94	6.4	4.14	-	-	-		
Critical Hdwy Stg 1	-	5.82	-	-	-	-	-	-		
Critical Hdwy Stg 2	-	5.82	-	-	-	-	-	-		
Follow-up Hdwy	-	3.51	3.32	2.5	2.22	-	-	-		
Pot Cap-1 Maneuver	0	~ 69	492	308	651	-	-	-		
Stage 1	0	312	-	-	-	-	-	-		
Stage 2	0	402	-	-	-	-	-	-		
Platoon blocked, %	-					-	-	-		
Mov Cap-1 Maneuver		~ 50	492	555	555	-	-	-		
Mov Cap-2 Maneuver	• 0	152	-	-	-	-	-	-		
Stage 1	0	225	-	-	-	-	-	-		
Stage 2	0	402	-	-	-	-	-	-		
Approach	EB			NB			SB			
HCM Control Delay, s	/v104.2			4.08			0			
HCM LOS	F									
Minor Lane/Major Mvi	mt	NBL	NBT E	EBLn1	SBT	SBR				
Capacity (veh/h)		555	-	290	-	-				
HCM Lane V/C Ratio		0.419	-	1.043	-	-				
HCM Control Delay (s	s/veh)	16.1		104.2	-	-				
HCM Lane LOS		С	-	F	-	-				
HCM 95th %tile Q(vel	h)	2.1	-	11.5	-	-				
Notes										
		^ D	1		20	0			* All	

~: Volume exceeds capacity

\$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Traffic Vol, veh/h	0	0	0	1	0	55	0	1	13	75	0	0
Future Vol, veh/h	0	0	0	1	0	55	0	1	13	75	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	2	0	2	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage,	# -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	6	6	6	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	1	0	60	0	1	14	82	0	0

Major/Minor	Minor2		ľ	Minor1		ľ	Major1		N	/lajor2			
Conflicting Flow All	166	182	2	173	175	10	2	0	0	17	0	0	
Stage 1	165	165	-	10	10	-	-	-	-	-	-	-	
Stage 2	1	17	-	163	165	-	-	-	-	-	-	-	
Critical Hdwy	7.16	6.56	6.26	7.1	6.5	6.2	4.1	-	-	4.1	-	-	
Critical Hdwy Stg 1	6.16	5.56	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.16	5.56	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.554	4.054	3.354	3.5	4	3.3	2.2	-	-	2.2	-	-	
Pot Cap-1 Maneuver	789	705	1071	794	722	1077	1634	-	-	1613	-	-	
Stage 1	828	754	-	1016	891	-	-	-	-	-	-	-	
Stage 2	1012	873	-	844	766	-	-	-	-	-	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	706	666	1069	753	683	1075	1631	-	-	1610	-	-	
Mov Cap-2 Maneuver	706	666	-	753	683	-	-	-	-	-	-	-	
Stage 1	784	715	-	1014	889	-	-	-	-	-	-	-	
Stage 2	955	871	-	801	725	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.58	0	7.36	
HCM LOS	А	А			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	Ln1W	/BLn1	SBL	SBT	SBR
Capacity (veh/h)	1631	-	-	-	1067	1610	-	-
HCM Lane V/C Ratio	-	-	-	-	0.057	0.051	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.6	7.4	0	-
HCM Lane LOS	А	-	-	А	Α	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Traffic Vol, veh/h	0	0	0	1	0	60	0	1	13	79	0	0
Future Vol, veh/h	0	0	0	1	0	60	0	1	13	79	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	2	0	2	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage,	# -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	6	6	6	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	1	0	65	0	1	14	86	0	0

Major/Minor	Minor2		I	Minor1		1	Major1			Major2			
Conflicting Flow All	175	191	2	182	184	10	2	0	0	17	0	0	
Stage 1	174	174	-	10	10	-	-	-	-	-	-	-	
Stage 2	1	17	-	172	174	-	-	-	-		-	-	
Critical Hdwy	7.16	6.56	6.26	7.1	6.5	6.2	4.1	-	-	4.1	-	-	
Critical Hdwy Stg 1	6.16	5.56	-	6.1	5.5	-	-	-	-		-	-	
Critical Hdwy Stg 2	6.16	5.56	-	6.1	5.5	-	-	-	-	· -	-	-	
Follow-up Hdwy	3.554	4.054	3.354	3.5	4	3.3	2.2	-	-	2.2	-	-	
Pot Cap-1 Maneuver	779	697	1071	784	714	1077	1634	-	-	1613	-	-	
Stage 1	819	748	-	1016	891	-	-	-	-		-	-	
Stage 2	1012	873	-	835	759	-	-	-	-	· -	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	691	657	1069	741	673	1075	1631	-	-	1610	-	-	
Mov Cap-2 Maneuver	691	657	-	741	673	-	-	-	-	· –	-	-	
Stage 1	774	706	-	1014	889	-	-	-	-	· -	-	-	
Stage 2	950	871	-	790	717	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.6	0	7.36	
HCM LOS	А	А			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	Ln1W	/BLn1	SBL	SBT	SBR
Capacity (veh/h)	1631	-	-	-	1067	1610	-	-
HCM Lane V/C Ratio	-	-	-	-	0.062	0.053	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.6	7.4	0	-
HCM Lane LOS	А	-	-	А	А	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Intersection

Movement	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations		4				4			\$			\$		
Traffic Vol, veh/h	0	0	0	2	2	0	54	0	1	12	87	4	0	
Future Vol, veh/h	0	0	0	2	2	0	54	0	1	12	87	4	0	
Conflicting Peds, #/hr	2	0	2	1	1	0	1	2	0	2	0	0	0	
Sign Control	Stop	Free	Free	Free	Free	Free	Free							
RT Channelized	-	-	None	-	-	-	None	-	-	None	-	-	None	
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veh in Median Storage,	# -	0	-	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	
Heavy Vehicles, %	0	0	0	0	0	0	2	0	0	0	6	0	0	
Mvmt Flow	0	0	0	2	2	0	59	0	1	13	95	4	0	

Major/Minor	Minor2		Ν	1inor1			1	Major1			Major2			
Conflicting Flow All	199	212	8	0	205	205	12	6	0	0	16	0	0	
Stage 1	195	195	-	0	10	10	-	-	-	-	-	-	-	
Stage 2	3	16	-	0	195	195	-	-	-	-	-	-	-	
Critical Hdwy	7.1	6.5	6.2	-	7.1	6.5	6.22	4.1	-	-	4.16	-	-	
Critical Hdwy Stg 1	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.5	4	3.3	-	3.5	4	3.318	2.2	-	-	2.254	-	-	
Pot Cap-1 Maneuver	765	689	1079	0	757	695	1069	1628	-	-	1576	-	-	
Stage 1	811	743	-	0	1017	892	-	-	-	-	-	-	-	
Stage 2	1025	886	-	0	811	743	-	-	-	-	-	-	-	
Platoon blocked, %				-					-	-		-	-	
Mov Cap-1 Maneuver	676	645	1075	0	709	651	1065	1625	-	-	1573	-	-	
Mov Cap-2 Maneuver	676	645	-	0	709	651	-	-	-	-	-	-	-	
Stage 1	761	697	-	0	1015	890	-	-	-	-	-	-	-	
Stage 2	966	884	-	0	761	697	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.66	0	7.11	
HCM LOS	Α	A			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	Ln1V	VBLn1	SBL	SBT	SBR
Capacity (veh/h)	1625	-	-	-	1046	1569	-	-
HCM Lane V/C Ratio	-	-	-	-	0.06	0.06	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.7	7.4	0	-
HCM Lane LOS	А	-	-	А	А	А	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Intersection

Movement	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations		4				4			4			\$		
Traffic Vol, veh/h	0	0	0	2	2	0	60	0	1	12	92	4	0	
Future Vol, veh/h	0	0	0	2	2	0	60	0	1	12	92	4	0	
Conflicting Peds, #/hr	2	0	2	1	1	0	1	2	0	2	0	0	0	
Sign Control	Stop	Free	Free	Free	Free	Free	Free							
RT Channelized	-	-	None	-	-	-	None	-	-	None	-	-	None	
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veh in Median Storage,	# -	0	-	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	
Heavy Vehicles, %	0	0	0	0	0	0	2	0	0	0	6	0	0	
Mvmt Flow	0	0	0	2	2	0	65	0	1	13	100	4	0	

Major/Minor	Minor2		Ν	1inor1			ľ	Major1		ľ	Major2			
Conflicting Flow All	209	222	8	0	216	216	12	6	0	0	16	0	0	
Stage 1	206	206	-	0	10	10	-	-	-	-	-	-	-	
Stage 2	3	16	-	0	206	206	-	-	-	-	-	-	-	
Critical Hdwy	7.1	6.5	6.2	-	7.1	6.5	6.22	4.1	-	-	4.16	-	-	
Critical Hdwy Stg 1	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.1	5.5	-	-	6.1	5.5	-	-	-	-	-	-	-	
Follow-up Hdwy	3.5	4	3.3	-	3.5	4	3.318	2.2	-	-	2.254	-	-	
Pot Cap-1 Maneuver	752	680	1079	0	745	685	1069	1628	-	-	1576	-	-	
Stage 1	800	735	-	0	1017	892	-	-	-	-	-	-	-	
Stage 2	1025	886	-	0	800	735	-	-	-	-	-	-	-	
Platoon blocked, %				-					-	-		-	-	
Mov Cap-1 Maneuver	659	634	1075	0	695	639	1065	1625	-	-	1573	-	-	
Mov Cap-2 Maneuver	659	634	-	0	695	639	-	-	-	-	-	-	-	
Stage 1	748	687	-	0	1015	890	-	-	-	-	-	-	-	
Stage 2	960	884	-	0	748	687	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s/v	0	8.68	0	7.13	
HCM LOS	Α	А			

Minor Lane/Major Mvmt	NBL	NBT	NBR EB	Ln1V	VBLn1	SBL	SBT	SBR
Capacity (veh/h)	1625	-	-	-	1047	1569	-	-
HCM Lane V/C Ratio	-	-	-	-	0.066	0.064	-	-
HCM Control Delay (s/veh)	0	-	-	0	8.7	7.4	0	-
HCM Lane LOS	А	-	-	Α	А	Α	А	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0.2	-	-

Int Delay, s/veh	1.8					
Movement	SBL	SBR	NEL	NET	SWT	SWR
Lane Configurations	Y			÷	વે	
Traffic Vol, veh/h	34	3	1	91	58	16
Future Vol, veh/h	34	3	1	91	58	16
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	37	3	1	99	63	17

Major/Minor	Minor2	ľ	Major1	Maj	or2		
Conflicting Flow All	173	72	80	0	-	0	
Stage 1	72	-	-	-	-	-	
Stage 2	101	-	-	-	-	-	
Critical Hdwy	6.4	6.2	4.1	-	-	-	
Critical Hdwy Stg 1	5.4	-	-	-	-	-	
Critical Hdwy Stg 2	5.4	-	-	-	-	-	
Follow-up Hdwy	3.5	3.3	2.2	-	-	-	
Pot Cap-1 Maneuver	822	996	1530	-	-	-	
Stage 1	956	-	-	-	-	-	
Stage 2	928	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	r 821	996	1530	-	-	-	
Mov Cap-2 Maneuver	r 821	-	-	-	-	-	
Stage 1	956	-	-	-	-	-	
Stage 2	928	-	-	-	-	-	

Approach SB	NE	SW
HCM Control Delay, s/v 9.54	0.08	0
HCM LOS A		

Minor Lane/Major Mvmt	NEL	NET S	SBLn1	SWT	SWR
Capacity (veh/h)	20	-	833	-	-
HCM Lane V/C Ratio	0.001	-	0.048	-	-
HCM Control Delay (s/veh)	7.4	0	9.5	-	-
HCM Lane LOS	А	А	А	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Int Delay, s/veh	1.2					
Movement	SBL	SBR	NEL	NET	SWT	SWR
Lane Configurations	Y			ا	ef 👘	
Traffic Vol, veh/h	25	2	3	100	62	39
Future Vol, veh/h	25	2	3	100	62	39
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	27	2	3	109	67	42

Major/Minor	Minor2	ľ	Major1	Maj	or2					
Conflicting Flow All	204	89	110	0	-	0				
Stage 1	89	-	-	-	-	-				
Stage 2	115	-	-	-	-	-				
Critical Hdwy	6.4	6.2	4.1	-	-	-				
Critical Hdwy Stg 1	5.4	-	-	-	-	-				
Critical Hdwy Stg 2	5.4	-	-	-	-	-				
Follow-up Hdwy	3.5	3.3	2.2	-	-	-				
Pot Cap-1 Maneuver	789	975	1493	-	-	-				
Stage 1	940	-	-	-	-	-				
Stage 2	915	-	-	-	-	-				
Platoon blocked, %				-	-	-				
Mov Cap-1 Maneuver		975	1493	-	-	-				
Mov Cap-2 Maneuver	787	-	-	-	-	-				
Stage 1	938	-	-	-	-	-				
Stage 2	915	-	-	-	-	-				

Approach	SB	NE	SW
HCM Control Delay, s/v 9	9.68	0.22	0
HCM LOS	А		

Minor Lane/Major Mvmt	NEL	NET S	SBLn1	SWT	SWR
Capacity (veh/h)	52	-	799	-	-
HCM Lane V/C Ratio	0.002	-	0.037	-	-
HCM Control Delay (s/veh)	7.4	0	9.7	-	-
HCM Lane LOS	А	А	А	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Int Delay, s/veh	2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	ef –			÷	۰¥	
Traffic Vol, veh/h	69	2	12	91	3	35
Future Vol, veh/h	69	2	12	91	3	35
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	75	2	13	99	3	38

Major/Minor M	lajor1	Ν	/lajor2		Minor1	
Conflicting Flow All	0		77	0	201	76
Stage 1	-	-	-	-	76	-
Stage 2	-	-	-	-	125	-
Critical Hdwy	-	-	4.1	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-		-
Follow-up Hdwy	-	-	2.2	-	•.•	3.3
Pot Cap-1 Maneuver	-	-	1534	-		991
Stage 1	-	-	-	-	952	-
Stage 2	-	-	-	-	906	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1534	-	785	991
Mov Cap-2 Maneuver	-	-	-	-	785	-
Stage 1	-	-	-	-	952	-
Stage 2	-	-	-	-	897	-
Approach	EB		WB		NB	
HCM Control Delay, s/v	0		0.86		8.87	
HCM LOS					A	
Minor Long/Major Mumt		NBLn1	EBT	EBR	WBL	WBT
Minor Lane/Major Mvmt			EDI			
Capacity (veh/h)		971	-	-	210	-
HCM Lane V/C Ratio	- h \	0.043	-		0.009	-
HCM Control Delay (s/ve HCM Lane LOS	en)	8.9 A	-	-	7.4 A	0 A
		0.1	-	-	A 0	
HCM 95th %tile Q(veh)		0.1	-	-	U	-

				11		
In		rc	Δl	<u>^</u> t	n	n
Int	œ	13			IU	

Int Delay, s/veh	1.9					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	ef –			र्च	Y	
Traffic Vol, veh/h	85	4	31	102	2	26
Future Vol, veh/h	85	4	31	102	2	26
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	92	4	34	111	2	28

Major/Minor N	/lajor1	Ν	Major2		Minor1	
Conflicting Flow All	0		97	0	273	95
Stage 1	-	-	-	-	95	-
Stage 2	-	-	-	-	178	-
Critical Hdwy	-	-	4.1	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	-	-	2.2	-	3.5	3.3
Pot Cap-1 Maneuver	-	-	1509	-	721	968
Stage 1	-	-	-	-	934	-
Stage 2	-	-	-	-	857	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1509	-	704	968
Mov Cap-2 Maneuver	-	-	-	-	704	-
Stage 1	-	-	-	-	934	-
Stage 2	-	-	-	-	837	-
Approach	EB		WB		NB	
Approach						
HCM Control Delay, s/v	<i>v</i> 0		1.73		8.95	
HCM LOS					A	
Minor Lane/Major Mvm	t	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)		942	-	-	420	-
HCM Lane V/C Ratio		0.032	-	-	0.022	-
HCM Control Delay (s/v	/eh)	8.9	-	-	7.4	0
HCM Lane LOS		А	-	-	А	А

HCM 95th %tile Q(veh)

0.1

0.1

-

-

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1: Flightway Ave./University Blvd

2035_Conditions

Flightway Ave.

University Blvd.

Signalized

Flightway Ave. / University Blvd.	EB (F	lightway	Ave.)	NB (U	niversity	Blvd.)	SB (University Blvd.)				
2035_Conditions	L	Т	R	L	Т	R	L	Т	R		
Existing Lane Geometry	1>	0	0	<1	2	0	0	2>	0		
AM Peak Hour											
2035_NO BUILD Volumes	53		37	80	900			500	42		
V/C Ratio	0.26			0.09							
Level-of-Service	С			Α							
Control Delay (Seconds)	17.6		0.0	9.2	0.0			0.0	0.0		
Intersection LOS	TWSC										
95th Percentile Queue (veh)	1.0		0.0	0.3	0.0			0.0	0.0		
2035_BUILD Volumes	76		52	84	911			505	51		
V/C Ratio	0.37			0.10							
Level-of-Service	С			Α							
Control Delay (Seconds)	20.3		0.0	9.2	0.0			0.0	0.0		
Intersection LOS					TWSC						
95th Percentile Queue (veh)	1.7		0.0	0.3	0.0			0.0	0.0		

2035_NO BUILD Volumes	65		51	42	659			900	78
V/C Ratio	0.43			0.08					
Level-of-Service	D			В					
Control Delay (Seconds)	26.0		0.0	11.7	0.0			0.0	0.0
Intersection LOS	TWSC								
95th Percentile Queue (veh)	2.0		0.0	0.3	0.0			0.0	0.0
2035_BUILD Volumes	82		62	53	667			912	101
V/C Ratio	0.56			0.10					
Level-of-Service	D			В					
Control Delay (Seconds)	33.1		0.0	12.3	0.0			0.0	0.0
Intersection LOS					TWSC				
95th Percentile Queue (veh)	3.2		0.0	0.3	0.0			0.0	0.0

2: Woodward Rd./University Blvd.

2035_Conditions

Woodward Rd.

University Blvd.

Signalized

Woodward Rd. / University Blvd.	EB (V	Voodwar	d Rd.)	NB (U	niversity	Blvd.)	SB (U	niversity	Blvd.)
2035_Conditions	L	Т	R	L	Т	R	L	Т	R
Existing Lane Geometry	1>	0	0	1	2	0	0	2>	0
AM Peak Hour									
2035_NO BUILD Volumes	58		196	112	921			504	34
V/C Ratio	0.55			0.12					
Level-of-Service	С			А					
Control Delay (Seconds)	20.3		0.0	9.2				0.0	0.0
Intersection LOS					TWSC	-	-		
95th Percentile Queue (veh)	3.2		0.0	0.4	0.0			0.0	0.0
2035_BUILD Volumes	69		222	124	925			519	39
V/C Ratio	0.65			0.14					
Level-of-Service	D			А					
Control Delay (Seconds)	25.3		0.0	9.3				0.0	0.0
Intersection LOS		-			TWSC	-	-	-	
95th Percentile Queue (veh)	4.6		0.0	0.5	0.0			0.0	0.0

80		172	183	619			882	73		
0.88			0.33							
F			В							
62.7		0.0	13.9				0.0	0.0		
TWSC										
8.1		0.0	1.4	0.0			0.0	0.0		
88		191	214	630			898	85		
1.04			0.42							
F			С							
104.2		0.0	16.1				0.0	0.0		
TWSC										
11.5		0.0	2.1	0.0			0.0	0.0		
	0.88 F 62.7 8.1 88 1.04 F 104.2	0.88 F 62.7 8.1 88 1.04 F 104.2	0.88	0.88 0.33 F B 62.7 0.0 8.1 0.0 1.04 1.4 88 191 214 1.04 0.42 F C 104.2 0.0	0.88 0.33 F B 62.7 0.0 13.9 TWSC 8.1 0.0 1.4 0.0 88 191 214 630 1.04 0.42 F C 104.2 0.0 16.1 TWSC	0.88 0.33 F B 62.7 0.0 13.9 TWSC 8.1 0.0 1.4 0.0 88 191 214 630 1.04 0.42 F C 104.2 0.0 16.1 TWSC	0.88 0.33 0.33 F B 0.00 62.7 0.0 13.9 TWSC 8.1 0.0 1.4 0.0 88 191 214 630 1.04 0.42 0.42 F C 0.0 104.2 0.0 16.1	0.88 0.33 0.33 F B 0.00 62.7 0.0 13.9 0.0 TWSC 8.1 0.0 1.4 0.0 0.0 88 191 214 630 898 1.04 0.42 0.0 0.0 F C 0.0 0.0 104.2 0.0 16.1 0.0		

3: Woodward Rd./Transport St.

2035_Conditions

Woodward Rd.

Transport St.

Signalized

Woodward Rd. / Transport St.	EB (V	Voodwar	d Rd.)	WB (V	Voodwar	rd Rd.)	NB (Transpo	rt St.)	SB (Transpor	rt St.)
2035_Conditions	L	Т	R	L	Т	R	L	Т	R	L	Т	R
Existing Lane Geometry	0	<1>	0	0	<1>	0	0	<1>	0	0	<1>	0
AM Peak Hour												
2035_NO BUILD Volumes	0	0	0	1	0	55	0	1	13	75	0	0
V/C Ratio	0.00			0.06			0.00			0.05	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	ISC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2035_BUILD Volumes	0	0	0	1	0	60	0	1	13	79	0	0
V/C Ratio	0.00			0.06						0.05	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS		TWSC										
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

2035_NO BUILD Volumes	0	0	0	4	0	54	0	1	12	87	4	0
V/C Ratio	0.00			0.06			0.00			0.06	0.00	
Level-of-Service	А			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	SC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2035_BUILD Volumes	0	0	0	4	0	60	0	1	12	92	4	0
V/C Ratio	0.00			0.07			0.00			0.06	0.00	
Level-of-Service	Α			Α			Α			Α	Α	
Control Delay (Seconds)	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
Intersection LOS						ТМ	SC					
95th Percentile Queue (veh)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

Synchro Results Summary Sheet

4: DaVita Access & Transport St.

2035_Conditions

DaVita Access

Transport St.

Signalized

DaVita Access / Transport St.	EB (D	aVita Ac	cess)	NB (Transpo	rt St.)	SB (Transport St.)			
2035_Conditions	L	Т	R	L	Т	R	L	Т	R	
Existing Lane Geometry	1>	0	0	1	2	0	0	2>	0	
AM Peak Hour										
2035_NO BUILD Volumes										
V/C Ratio										
Level-of-Service										
Control Delay (Seconds)										
Intersection LOS					TWSC					
95th Percentile Queue (veh)										
2035_BUILD Volumes										
V/C Ratio										
Level-of-Service										
Control Delay (Seconds)										
Intersection LOS		-			TWSC			-		
95th Percentile Queue (veh)										

PM Peak Hour

TWSC			
 TWSC			
	Image: Sector	Image: selection of the selection	Image: selection of the selection

Synchro Results Summary Sheet

5: Driveway "A" & Woodward Rd.

2035_Conditions

Woodward Rd.

Driveway "A"

Unsignalized

Woodward Rd. / Driveway "A"	EB (V	Voodwar	d Rd.)	WB (V	Voodwar	d Rd.)	SB (Driveway "A")			
2035_Conditions	L	Т	R	L	Т	R	L	Т	R	
Proposed Lane Geometry	0	<1	0	0	1>	0	1>	0	0	
AM Peak Hour										
2035_NO BUILD Volumes	1	91	0	0	58	16	34	0	3	
V/C Ratio	0.00						0.05			
Level-of-Service	Α	А					А			
Control Delay (Seconds)	7.4	0.0			0.0		9.5		0.0	
Intersection LOS				-	TWS	С				
95th Percentile Queue (veh)	0.0	0.0			0.0		0.2		0.0	

PM Peak Hour

2035_BUILD Volumes	3	100	0	0	62	39	25	0	2
V/C Ratio	0.00						0.04		
Level-of-Service	Α	Α					Α		
Control Delay (Seconds)	7.4	0.0			0.0		9.7		0.0
Intersection LOS					TWS	C			
95th Percentile Queue (veh)	0.0	0.0			0.0		0.1		0.0

Synchro Results Summary Sheet

6: Flightway Ave. & Driveway "B"

2035_Conditions

Flightway Ave

Driveway "B"

Unsignalized

Flightway Ave / Driveway "B"	EB (F	lightway	/ Ave)	WB (Flightway	NB (Driveway "B")			
2035_Conditions	L	Т	R	L	Т	R	L	Т	R
Proposed Lane Geometry	0	1>	0	0	<1	0	1>	0	0
AM Peak Hour									
2035_NO BUILD Volumes		69	2	12	91		3		35
V/C Ratio				0.01			0.04		
Level-of-Service				Α	Α		Α		
Control Delay (Seconds)		0.0	0.0	7.4	0.0		8.9		0.0
Intersection LOS				-	TWSC			-	
95th Percentile Queue (veh)		0.0	0.0	0.0	0.0		0.1		0.0

PM Peak Hour

2035_BUILD Volumes	85	4	31	102	2	26
V/C Ratio			0.02		0.03	
Level-of-Service			А	Α	Α	
Control Delay (Seconds)	0.0	0.0	7.4	0.0	8.9	0.0
Intersection LOS				TWSC		
95th Percentile Queue (veh)	0.0	0.0	0.1	0.0	0.1	0.0

Appendix 12

Crash Analysis Summary Table

Transport Apartments

Crash Data from IPRA

			Year			CURTOTAL	PERCENTAGE
CRASH TYPE	2018	2019	2020	2021	2022	SUBTOTAL	CRASH TYPE
ALCOHOL INVOLVED	0	0	1	0	1	2	3.1%
CURVE	1	1	0	0	1	3	4.6%
DARK-LIGHTING	1	1	2	0	2	6	9.2%
DARK-NOT LIGHTING	0	1	0	0	1	2	3.1%
FATALITY	0	0	0	0	0	0	0.0%
HEAVY TRUCK	1	1	0	0	0	2	3.1%
HILL CREST	1	0	0	0	1	2	3.1%
HIT-AND-RUN	1	3	3	2	2	11	16.9%
INJURY	3	0	2	1	2	8	12.3%
PROPERTY DAMAGE	5	7	4	5	6	27	41.5%
RAINING	1	0	0	0	0	1	1.5%
WORK ZONE	0	0	0	0	1	1	1.5%
SUBTOTAL	14	14	12	8	17	65	100.0%

Crash Analysis Summary Table

Transport Apartments

(Flightway Ave /University Blvd)

Crash Analysis Summary Table Crash Data from (IPRA) Internal Request

		[Direction			PERCENTAGE			Year			SUBTOTAL	PERCENTAGE
CRASH TYPE	E	W	Ν	S	UNK	DIRECTION	2018	2019	2020	2021	2022	SUBIUTAL	CRASH TYPE
BACKING UP	1	0	0	0	0	3%	0	0	1	0	2	3	9%
FIXED OBJECT	1	0	1	3	1	18%	0	2	1	2	0	5	16%
LEFT-TURN ANGLE	0	1	0	0	0	3%	1	0	0	0	0	1	3%
PARKED VEHICLE	1	0	1	3	0	15%	2	0	2	0	0	4	13%
RIGHT-TURN-ANGLED	0	0	0	1	0	3%	1	2	0	0	0	3	9%
HEAD-ON COLLISION	1	2	0	1	1	15%	2	0	0	1	0	3	9%
REAR-END	0	0	1	0	0	3%	1	0	0	0	1	2	6%
SIDESWIPE LL	1	0	0	0	0	3%	0	0	1	0	1	2	6%
SIDESWIPE RL	3	0	2	1	0	18%	0	1	1	2	2	6	19%
T-BONE	0	2	0	1	0	9%	0	0	0	0	1	1	3%
OTHER	1	0	0	1	0	6%	1	0	0	1	1	3	9%
UNKNOWN	0	0	0	0	3	9%	0	2	0	0	0	2	6%
SUBTOTAL	8	5	5	11	5	100%	8	7	5	6	6	35	100.00%

Crash Analysis Summary Table Transport Apartments

(Flightway Ave /University Blvd)

Crash Data from (IPRA) Internal Request Intersection #1:

		Directi	on		PERCENTAGE			Year			SUBTOTAL	PERCENTAGE
CRASH TYPE	E	Ν	S	UNK	DIRECTION	2018	2019	2020	2021	2022	SUBIUTAL	CRASH TYPE
FIXED OBJECT		1	2	1	29%		2	1	1		4	29%
PARKED VEHICLE	1				7%	1					1	7%
RIGHT-TURN-ANGLED			1		7%	1					1	7%
HEAD-ON COLLISION				1	7%				1		1	7%
REAR-END		1			7%					1	1	7%
SIDESWIPE RL		2	1		21%		1		1	1	3	21%
T-BONE			1		7%					1	1	7%
OTHER	1				7%	1					1	7%
UNKNOWN				1	7%		1				1	7%
SUBTOTAL	2	4	5	3	100%	3	4	1	3	3	14	100.00%

Crash Analysis Summary Table Transport Apartments (Woodward Rd. /University Blvd)

Crash Data from (IPRA) Internal Request Intersection #2:

		Directi	on		PERCENTAGE			Year			SUBTOTAL	PERCENTAGE
CRASH TYPE	E	W	S	UNK	DIRECTION	2018	2019	2020	2021	2022	SUBIUIAL	CRASH TYPE
BACKING UP	1				11%					1	. 1	11%
LEFT-TURN ANGLE			;	3	33%	1		2			3	33%
PARKED VEHICLE	1	1			22%	2					2	22%
SIDESWIPE LL	1				11%			1			1	11%
T-BONE				1	11%					1	1	11%
UNKNOWN				1	. 11%		1				1	11%
SUBTOTAL	3	1		4 1	. 100%	3	1	3		1 1	9	100.00%

Crash Analysis Summary Table Transport Apartments (Woodward Rd./Transport St.-Sunport)

Crash Data from (IPRA) Internal Request Intersection #1:

		Direction							Year	r		SUBTOTAL	PERCENTAGE
CRASH TYPE	E	W	N	S	UNK	DIRECTION	2018	2019	2020	2021	2022	SUBTUTAL	CRASH TYPE
FIXED OBJECT	1			1		17%			1		1	2	17%
HEAD-ON COLLISION		1				8%				1		1	8%
LEFT-TURN ANGLE			1			8%	1					1	8%
PARKED VEHICLE		1		1		17%		2				2	17%
RIGHT-TURN-ANGLED	1					8%	1					1	8%
SIDESWIPE LL	2					17%			1		1	. 2	17%
SIDESWIPE RL		2				17%				1	1	. 2	17%
UNKNOWN					1	8%					1	. 1	8%
SUBTOTAL	4	4	1	2	1	100%	2	2	2	2	4	12	100.00%

CRASH YEAR	MONTH	TIME OF CRASH	HOUR OF CRASH	DAY OF WEEK	LAW ENFORCEMENT AGENCY	COUNTY	CITY	PRIMARY STREET
2018	January	10:37	10 a.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	FLIGHTWAY AVE SE
2018	November	4:55	4 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	SUNPORT PL SE
2018	September	9:50	9 a.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERISTY BLVD SE
2018	January	15:50	3 p.m.	Tuesday	Station Report	Bernalillo	Albuquerque	UNIVERISTY BLVD SE
2018	October	11:04	11 a.m.	Wednesday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BLVD SE
2018	May	9:53	9 a.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	WOODWARD RD SE
2018	August	9:57	9 a.m.	Thursday	Albuquerque Police Department	Bernalillo	Albuquerque	WOODWARD RD SE
2018	September	7:29	7 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	WOODWARD RD SE
2019	December	0:30	12 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	3003 TRANSPORT ST SE
2019	December	18:42	6 p.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERISTY BLVD SE
2019	May	9:52	9 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	TRANSPORT SE
2019	February	21:30	9 p.m.	Saturday	Station Report	Bernalillo	Albuquerque	UNIVERSITY BLVD NE
2019	November	14:48	2 p.m.	Wednesday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BLVD SE
2019	March	20:30	8 p.m.	Monday	Station Report	Bernalillo	Albuquerque	UNIVERSITY BLVD.
2019	October	15:00	3 p.m.	Wednesday	Station Report	Bernalillo	Albuquerque	UNIVERSITY SE
2020	June	21:30	9 p.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	3003 TRANSPORT ST SE
2020	June	22:39	10 p.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	3003 TRANSPORT ST SE
2020	February	14:33	2 p.m.	Wednesday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERISTY BLVD SE
2020	June	16:08	4 p.m.	Thursday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERISTY BLVD SE
2020	January	16:40	4 p.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BLVD SE
2020	August	10:47	10 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	WOODWARD RD SE
2021	October	6:00	6 a.m.	Thursday	Station Report	Bernalillo	Albuquerque	3041 UNIVERSITY BLVD SE
2021	March	9:13	9 a.m.	Tuesday	Albuquerque Police Department	Bernalillo	Albuquerque	SUNPORT BLVD SE
2021	August	9:22	9 a.m.	Monday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BL SE
2021	February	13:00	1 p.m.	Monday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BLVD SE
2021	November	15:37	3 p.m.	Monday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BLVD SE
2021	January	9:24	9 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	WOODWARD RD SE
2022	July	6:34	6 a.m.	Friday	Albuquerque Police Department	Bernalillo	Albuquerque	3003 TRANSPORT ST SE
2022	January	23:04	11 p.m.	Saturday	Albuquerque Police Department	Bernalillo	Albuquerque	3003 TRANSPORT ST SE
2022	July	20:17	8 p.m.	Saturday	Albuquerque Police Department	Bernalillo	Albuquerque	FLIGHTWAY AVE SE
2022	July	10:14	10 a.m.	Thursday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERISTY BLVD SE
2022	August	8:44	8 a.m.	Thursday	Albuquerque Police Department	Bernalillo	Albuquerque	UNIVERSITY BL SE
2022	April	20:13	8 p.m.	Thursday	Albuquerque Police Department	Bernalillo	Albuquerque	WOODWARD RD SE
2022	October	14:30	2 p.m.	Saturday	Station Report	Bernalillo	Albuquerque	WOODWARD RD SE
2022	April	Invalid Code	Invalid Code	Thursday	Bernalillo County Sheriffs Department	Bernalillo	Albuquerque	WOODWARD RD.

SECONDARY STREET	LANDMARK/LOCATION	GIS-DERIVED ROUTE NAME	GIS-DERIVED MILEPOST	CRASH DIRECTION	DIRECTION FROM INTERSECTION OR LANDMARK	DISTANCE FROM LANDMARK	DISTANCE FROM LANDMARK MEASUREMENT UNIT
UNIVERISTY BLVD SE				E			
WOODWARD RD SE				N			
WOODWARD RD SE	UNIVERSITY BLVD SE/WOODWARD RD SE			S	S		
FLIGHTWAY AVE SE				E			
FLIGHTWAY AVE SE				S –			
SUNPORT PL SE				E			
UNIVERSITY BLVD SE				W			
UNIVERSITY BLVD SE				E			
				W			
FLIGHTWAY AVE SE	WOODWARD			S	c	100	
FLIGHTWAY AVE SE	WOODWARD			S N	S	100	FT
FLIGHTWAT AVE SE				N			
FLIGHTWAT AVE SE				IN IN			
WOODWARD SE				F			
3003 TRANSPORT ST SE				F			
				E			
WOODWARD RD SE				S			
WOODWARD RD SE	WOODWARD RD SE			S			
FLIGHTWAY AVE SE				N			
1300 WOODWARD RD SE				E			
FLIGHTWAY AVE SE							
WOODWARD RD SE				W	W	90	FT
FLIGHTWAY AVE SE	FLIGHTWAY AVE SE			S	Ν	25	FT
FLIGHTWAY AVE SE				S			
WOODWARD RD SE				S			
SUNPORT BLVD SE				W			
N/A				S			
				E			
WOODWARD RD SE				Ν	Ν		
FLIGHTWAY AVE SE				Ν			
FLIGHTWAY AV SE				S	S		
SUNPORT LP SE				W	W		
TRANSPORT							
UNIVERSITY BLVD				E	E		

CRASH SEVERITY	NUMBER OF PEOPLE KILLED IN CRASH	NUMBER OF PEOPLE WITH SUSPECTED SERIOUS INJURIES (CLASS A) IN CRASH	NUMBER OF PEOPLE WITH SUSPECTED MINOR INJURIES (CLASS B) IN CRASH	NUMBER OF PEOPLE WITH POSSIBLE INJURIES (CLASS C) IN CRASH	NUMBER OF PEOPLE INJURED (CLASS A+B+C) IN CRASH	NUMBER OF PEOPLE NOT INJURED (CLASS O) IN CRASH	TOTAL NUMBER OF PEOPLE IN CRASH
Property Damage Only Crash	0	0	0	0	0	2	2
Injury Crash	0	0	0	2	2	1	3
Injury Crash	0	0	1	1	2	2	4
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	1	1
Property Damage Only Crash	0	0	0	0	0	3	3
Injury Crash	0	0	0	1	1	3	4
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	1	1
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	1	1
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	3	3
Injury Crash	0	0	0	1	1	1	2
Property Damage Only Crash	0	0	0	0	0	1	1
Injury Crash	0	0	0	1	1	1	2
Property Damage Only Crash	0	0	0	0	0	3	3
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	1	1
Property Damage Only Crash	0	0	0	0	0	2	2
Injury Crash	0	0	2	0	2	2	4
Property Damage Only Crash	0	0	0	0	0	1	1
Property Damage Only Crash	0	0	0	0	0	3	3
Property Damage Only Crash	0	0	0	0	0	2	2
Injury Crash	0	0	0	1	1	1	2
Injury Crash	0	0	2	0	2	0	2
Property Damage Only Crash	0	0	0	0	0	2	2
Property Damage Only Crash	0	0	0	0	0	4	4
Property Damage Only Crash	0	0	0	0	0	2	2

NUMBER OF VEHICLES, BICYCLES, AND PEDESTRIANS INVOLVED	NUMBER OF PEOPLE IN MOTOR VEHICLES	NUMBER OF PEOPLE NOT IN MOTOR VEHICLES	NUMBER OF MOTOR VEHICLES INVOLVED	FIRST HARMFUL EVENT OCCURRED	CRASH CLASSIFICATION
2	2	0	2	On Roadway	Other Vehicle
3	1	2	3	On Roadway	Other Vehicle
3	4	0	3	On Roadway	Other Vehicle
2	2	0	2	On Roadway	Other (Object)
2	2	0	2	On Roadway	Other Vehicle
1	1	0	1	On Roadway	Other Vehicle
3	1	2	3	On Roadway	Parked Vehicle
3	2	2	3	On Roadway	Other Vehicle
2	1	1	2	Off Roadway	Other Vehicle
1	1	0	1	On Roadway	Fixed Object
2	1	1	2	On Roadway	Parked Vehicle
1	2	0	1	On Roadway	Fixed Object
2	2	0	2	On Roadway	Other Vehicle
2	2	0	2	Left Blank	Left Blank
2	2	0	2	Left Blank	Other Vehicle
1	1	0	1	On Roadway	Fixed Object
2	2	0	2	Off Roadway	Other Vehicle
2	3	0	2	On Roadway	Other Vehicle
2	2	0	2	On Roadway	Other Vehicle
1	1	0	1	On Roadway	Fixed Object
2	2	0	2	On Roadway	Left Blank
3	3	0	3	On Roadway	Other Vehicle
2	1	1	2	On Roadway	Left Blank
2	2	0	2	On Roadway	Left Blank
1	1	0	1	On Roadway	Left Blank
2	2	0	2	On Roadway	Left Blank
4	3	1	4	On Roadway	Left Blank
1	1	0	1	On Roadway	Left Blank
3	1	2	3	Off Roadway	Left Blank
2	2	0	2	On Roadway	Left Blank
2	2	0	2	On Roadway	Left Blank
2	2	0	2	On Roadway	Left Blank
2	2	0	2	On Roadway	Left Blank
2	4	0	2	On Roadway	Vehicle on Other Road
2	2	0	2	On Roadway	Other Vehicle

Other Vehicle - Both Tum Right/Entering A Angle Collision with Motor Vehicle Other Vehicle - One Stopped/Entering A Angle Collision with Motor Vehicle Other Vehicle - One Left Tum/Entering A Angle Collision with Motor Vehicle Other Vehicle - Fram Opposite Directon/Stop Genstration Collision with Motor Vehicle Other Vehicle - Fram Opposite Directon/Stop Genstration Collision with Motor Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motor Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motor Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motor Vehicle Other Vehicle - Fram Same Direction/Sideavice Collision Collision with Motor Vehicle Used Barked in Proper Location Collision with Motor Vehicle Other Vehicle - Fram Same Direction/Sideavice Collision Collision with Motor Vehicle Used Barked in Proper Location Collision with Motor Vehicle Other Vehicle - Fram Same Direction/Sideavice Collision Collision with Motor Vehicle Other Vehicle - Fram Same Direction/Sideavice Collision Collision with Motor Vehicle Other Vehicle - Fram Opposite Directon/Sideavice Collision with Motor Vehicle Collision with Motor Vehicle Other Vehicle - Fram Opposit	CRASH ANALYSIS	FIRST HARMFUL EVENT	FIRST HARMFUL EVENT - /
Other Vehicle - One Left Turn/Entering AI Angle Collision with Motar Vehicle Left Biank Collision with Motar Vehicle Other Vehicle - From Opposite Direction/Both Gring Straight Collision with Motar Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motar Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motar Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motar Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motar Vehicle Vehicle Parked In Proper Location Collision with Motar Vehicle Left Biank Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Left Biank Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Left Biank Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Collision with Motar Vehicle Collision wi	Other Vehicle - Both Turn Right/Entering At Angle	Collision with Motor Vehicle	
Interfained Collision with Ohrer Non-Freed Diject Other Vehicle - Cone Right Turn/Entering At Auge Collision with Motor Vehicle Other Vehicle - One Right Turn/Entering At Auge Collision with Motor Vehicle Other Vehicle - One Right Turn/Entering At Auge Collision with Motor Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motor Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motor Vehicle Other Vehicle - One Vehicle/Enter Parked Position Collision with Motor Vehicle Vehicle Parked In Poper Location Collision with Motor Vehicle Uther Vehicle - From Same Direction/States/de Collision with Motor Vehicle Left Blank Collision with Motor Vehicle Freed Object - Fronc Quota Bark, States Collision with Motor Vehicle Freed Object - Fronc Quota Bark, States Collision with Motor Vehicle Freed Object - Fronc Quota Bark, States Collision with Motor Vehicle Freed Object - Fronc Quota Bark, States Collision with Motor Vehicle Freed Object - Fronc Opposite Direction/One Left Turn Collision with Motor Vehicle Freed Object - Fronc Opposite Direction Collision with Motor Vehicle Freed Object - Fronc Opposite Direction Collision with Motor Vehicle Collision with Motor Vehicle Collision with Motor Vehicle Left Blank Collision with Motor Vehicle	Other Vehicle - One Stopped/Entering At Angle	Collision with Motor Vehicle	
Other Vehicle - From Opposite Direction/Both Going StraightCollision with Metor VehicleOther Vehicle - One Right Turn/Entering At AngleCollision with Metor VehicleOther Vehicle - One Vehicle/Enter Parked PositionCollision with Metor VehicleOther Vehicle - One Vehicle/Enter Parked PositionCollision with Metor VehicleOther Vehicle - One Vehicle/Enter Parked PositionCollision with Metor VehicleFixed Object - Linktown/Not StatedCollision with Metor VehicleOther Vehicle - From Same Direction/Sideswipe CollisionCollision with Metor VehicleLett BlankCollision with Metor VehicleCollision VehicleFixed Object - From Opposite CollisionLett BlankCollision with Metor VehicleOther Vehicle - From Opposite Direction/Sideswipe CollisionCollision with Metor VehicleCollision VehicleFixed Object - From Opposite Direction/One Lett Turn/Entering At AngleCollision with Metor VehicleOther Vehicle - From Opposite Direction/One Lett TurnCollision with Metor VehicleCollision VehicleFixed Object - From Opposite DirectionCollision with Metor VehicleCollision VehicleFixed Object - From Opposite DirectionCollision with Metor VehicleCollision VehicleFixed Object - From Opposite DirectionCollision with Metor VehicleCollision VehicleFixed Object - From Opposite DirectionCollision with Metor VehicleCollision VehicleFixed Object - From Opposite DirectionCollision with Metor VehicleLett BlankCollision with Metor VehicleLett BlankCollision with Metor VehicleL	Other Vehicle - One Left Turn/Entering At Angle	Collision with Motor Vehicle	
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Image: Constraint of the Constraint of Constraint Mater Vehicle Image: Constraint of Constraint of Constraint of Constraint Mater Vehicle Image: Constraint of Constraint of Constraint of Constraint Mater Vehicle Image: Constraint of	Other Vehicle - From Opposite Direction/Both Going Straight	Collision with Motor Vehicle	
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Other Vehicle - From Opposite Direction/One Left TurnCollision with Motor VehicleFixed Object - Unknown/Not StatedCollision with Fixed ObjectLeft BlankCollision with Motor VehicleOther Vehicle - From Opposite DirectionCollision with Motor VehicleLeft BlankCollision with Motor Vehicle <td>Other Vehicle - From Opposite Direction</td> <td>Collision with Motor Vehicle</td> <td></td>	Other Vehicle - From Opposite Direction	Collision with Motor Vehicle	
Fixed Object - Unknown/Not StatedCollision with Fixed ObjectLeft BlankCollision with Motor VehicleOther Vehicle - From Opposite DirectionCollision with Motor VehicleLeft BlankCollision	Other Vehicle - One Left Turn/Entering At Angle	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleOther Vehicle - From Opposite DirectionCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Other Non-Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Ve	Other Vehicle - From Opposite Direction/One Left Turn	Collision with Motor Vehicle	
Other Vehicle - From Opposite DirectionCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Other Non-Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Ve	Fixed Object - Unknown/Not Stated	Collision with Fixed Object	
Left BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Other Non-Fixed ObjectLeft BlankCollision with Motor VehicleLeft B	Left Blank	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleLeft BlankCollision with Other Non-Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Fixed ObjectLeft BlankCollision with Motor VehicleLeft Bl	Other Vehicle - From Opposite Direction	Collision with Motor Vehicle	
Left BlankCollision with Other Non-Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Fixed ObjectLeft BlankCollision with Motor VehicleLeft Bl	Left Blank	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleLeft BlankCollision with Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Other Non-Fixed Object	
Left BlankCollision with Fixed ObjectLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Fixed Object	
Left BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
Left BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor VehicleLeft BlankCollision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
Left Blank Collision with Motor Vehicle Left Blank Collision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
Left Blank Collision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
	Left Blank	Collision with Motor Vehicle	
Other Vehicle - From Same Direction/Vehicle Backing Collision with Motor Vehicle	Left Blank	Collision with Motor Vehicle	
	Other Vehicle - From Same Direction/Vehicle Backing	Collision with Motor Vehicle	

- ANALYSIS

MV in Transport MV in Transport MV in Transport Not Available MV in Transport MV in Transport Parked MV MV in Transport MV in Transport Unknown Parked MV Not Available MV in Transport Not Available Not Available Fence MV in Transport MV in Transport MV in Transport Unknown MV in Transport MV in Transport Parked MV MV in Transport Other Non-fixed Object MV in Transport MV in Transport Tree (standing) Parked MV MV in Transport MV in Transport MV in Transport MV in Transport Left Blank MV in Transport

FIRST HARMFUL EVENT – LOCATION	FIRST HARMFUL EVENT – MANNER OF IMPACT	FIRST HARMFUL EVENT – MANNER OF CRASH	WEATHER	ADDITIONAL WEATHER	LIGHTING	HIT AND RUN CRASH	ALCOHOL INVOLVEMENT	DRUG INVOLVEMENT
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Dark-Lighted	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Raining	Not Available	Daylight	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	Yes	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Dawn	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Dark-Not Lighted	Yes	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Dark-Lighted	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Other	Yes	Not Involved	Not Involved
Not Available	Not Available	Not Available	Left Blank	Not Available	Left Blank	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	Yes	Not Involved	Not Involved
Not Available	Not Available	Not Available	Left Blank	Not Available	Left Blank	No	Not Involved	Not Involved
Not Available	Not Available	Not Available	Clear	Not Available	Daylight	No	Not Involved	Not Involved
Off Roadway - Location Unknown	Left Blank	Left Blank	Clear	Left Blank	Dark-Lighted	Yes	Involved	Not Involved
Left Blank	Left Blank	Left Blank	Clear	Left Blank	Dark-Lighted	Yes	Not Involved	Not Involved
Left Blank	Left Blank	Left Blank	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
Left Blank	Left Blank	Left Blank	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
Left Blank	Left Blank	Left Blank	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
On Roadway	Front-to-Side	From Opposite Direction	Left Blank	Left Blank	Daylight	Yes	Not Involved	Not Involved
Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Yes	Not Involved	Not Involved
On Shoulder	Sideswipe	From Same Direction	Clear	Left Blank	Daylight	Yes	Not Involved	Not Involved
On Roadway	Front-to-Side	From Same Direction	Cloudy	Left Blank	Daylight	No	Not Involved	Not Involved
On Median	Left Blank	Left Blank	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
On Roadway	Front-to-Side	Intersecting Path (T-bone)	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
On Roadway	Front-to-Front	From Opposite Direction	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
On Roadway	Left Blank	Left Blank	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
Outside Trafficway	Front-to-Side	From Opposite Direction	Clear	Left Blank	Dark-Lighted	No	Involved	Not Involved
On Roadway	Front-to-Side	From Same Direction	Clear	Left Blank	Dark-Lighted	No	Not Involved	Not Involved
On Roadway	Front-to-Rear	From Same Direction	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
On Roadway	Front-to-Side	Intersecting Path (T-bone)	Clear	Left Blank	Daylight	No	Not Involved	Not Involved
On Roadway	Sideswipe	From Same Direction	Clear	Left Blank	Dark-Not Lighted	No	Not Involved	Not Involved
Left Blank	Left Blank	Left Blank	Clear	Left Blank	Daylight	Yes	Not Involved	Not Involved
Left Blank	Left Blank	Left Blank	Clear	Left Blank	Daylight	Yes	Not Involved	Not Involved

PEDESTRIAN INVOLVEMENT	MOTORCYCLE INVOLVEMENT	PEDALCYCLE INVOLVEMENT	HEAVY TRUCK INVOLVEMENT	COMMERICAL MOTOR VEHICLE INVOLVEMENT	SCHOOL BUS DIRECT INVOLVEMENT	HAZARDOUS MATERIAL INVOLVEMENT	INVOLVEMENT OF NON-LOCAL DRIVER	STATE HIGHWAY DEPT. PROPERTY
Not Involved	Not Involved	Not Involved	Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Both Local and Out Of State	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Out Of State	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Available	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Available	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Involved	Not Involved	Not Involved	Not Involved	Out Of State	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Both Local and Out Of State	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	All Other
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Available	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Available	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Both Local and Out Of State	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Both Local and Out Of State	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	
Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Not Involved	Local Drivers	

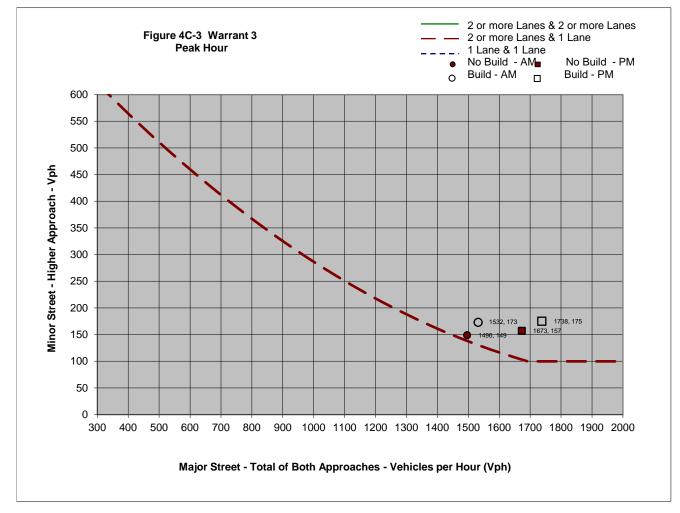
ROAD SYSTEM: URBAN, RURAL OR RURAL INTERSTATE	MAXIMUM VEHICLE DAMAGE	WORK ZONE	WORK ZONE - TYPE	WORK ZONE – LOCATION	ROAD CHARACTER	ROAD GRADE	INTERSECTION TYPE	RELATION TO JUNCTION	SECONDARY CRASH	TRIBAL JURISDICTION
Urban	Not Available	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Curve	On Grade	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Functional	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Functional	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Straight	Hillcrest	Not Available	Not Available	Not Available	No
Urban	Appearance	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Curve	Level	Not Available	Not Available	Not Available	No
Urban	Appearance	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Functional	Not Available	Not Available	Not Available	Left Blank	Left Blank	Not Available	Not Available	Not Available	No
Urban	Disabling	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Not Available	Not Available	Not Available	Not Available	Left Blank	Left Blank	Not Available	Not Available	Not Available	No
Urban	Functional	Not Available	Not Available	Not Available	Straight	Level	Not Available	Not Available	Not Available	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Straight	Level	Left Blank	Left Blank	No	No
Urban	Appearance	Left Blank	Left Blank	Left Blank	Straight	Level	Left Blank	Left Blank	No	No
Urban	Functional	Left Blank	Left Blank	Left Blank	Straight	Level	Left Blank	Left Blank	No	No
Urban	Appearance	Left Blank	Left Blank	Left Blank	Straight	Level	Left Blank	Left Blank	No	No
Urban	Not Available	Left Blank	Left Blank	Left Blank	Straight	On Grade	Left Blank	Left Blank	No	No
Urban	Functional	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Through Roadway	No	No
Rural Non-Interstate	Appearance	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	No	No
Urban	Functional	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Non-Junction	No	No
Urban	Functional	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	T-Intersection	Intersection	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	T-Intersection	Intersection	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Four-Way	Intersection	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Through Roadway	Yes	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Non-Junction	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Non-Junction	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Non-Junction	No	No
Urban	Not Available	rk Zone – Construction	Lane Closure	Activity Area	Left Blank	Left Blank	Four-Way	Intersection	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Four-Way	Intersection	No	No
Urban	Functional	Left Blank	Left Blank	Left Blank	Left Blank	Left Blank	Not an Intersection	Non-Junction	No	No
Urban	Disabling	Left Blank	Left Blank	Left Blank	Curve	Hillcrest	Left Blank	Left Blank	No	No
Urban	Functional	Left Blank	Left Blank	Left Blank	Straight	Level	Left Blank	Left Blank	No	No

GIS-DERIVED RESERVATION	GIS-DERIVED STATE HIGHWAY TRANSPORTATION DISTRICT	GIS-DERIVED STATE POLICE DISTRICT	GIS-DERIVED STATE HIGHWAY MAINTENANCE DISTRICT	GIS-DERIVED UTM X COORDINATE	GIS-DERIVED UTM Y COORDINATE	GIS-DERIVED LATITUDE COORDINATE	GIS-DERIVED LONGITUDE COORDINATE	ORIGINAL LATITUDE	ORIGINAL LONGITUDE	ORIGINAL UCR NUMBER
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801			
	3	5	3	350984.0206	3879758.939	35.049555	-106.633932			
	3	5	3	351267.6287	3879812.08	35.050076	-106.630833			
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801			
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801			
	3	5	3	350984.0206	3879758.939	35.049555	-106.633932			
	3	5	3	351267.6287	3879812.08	35.050076	-106.630833			
	3	5	3	351267.6287	3879812.08	35.050076	-106.630833			
	3	5	3	350868.508	3879870.144	35.05054	-106.635218			
	3	5	3	351272.7639	3879948.507	35.051306	-106.630801			
	3	5	3	350867.3925	3879713.068	35.049124	-106.635202			
	3	5	3	351272.7639	3879948.507	35.051306	-106.630801			
	3	5	3	351272.7639	3879948.507	35.051306	-106.630801			
	3	5	3	351275.2194	3879814.116	35.050095	-106.63075			
	3	5	3	351267.6146	3879812.132	35.050076	-106.630833			
	3	5	3	350868.5282	3879870.155	35.05054	-106.635218			
	3	5	3	350868.5282	3879870.155	35.05054	-106.635218			
	ა ე	5	3	351267.6287	3879812.08	35.050076	-106.630833			
	ు	Э Е	3	351267.6287	3879812.08	35.050076	-106.630833			
	ు	5	3	351272.7631 350867.3928	3879948.497 3879713.115	35.051306 35.049124	-106.630801 -106.635202			
	3 3	5	3	351272.7631	3879948.497	35.051306	-106.630801			
	3	5	3	350984.0206	3879758.939	35.049555	-106.633932			
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801	35.051377	-106.63086	
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801	00.0010//	100.00000	
	3	5	3	351267.6287	3879812.08	35.050076	-106.630833			
	3	5	3	350984.0206	3879758.939	35.049555	-106.633932			
	3	5	3	350868.5283	3879870.156	35.05054	-106.635218			
	3	5	3	350868.1498	3879817.809	35.050068	-106.635213			
	3	5	3	350868.5282	3879909.016	35.05089	-106.635225			
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801			
	3	5	3	351272.7631	3879948.497	35.051306	-106.630801			
	3	5	3	351163.1597	3879812.623	35.050065	-106.631978			
	3	5	3	350867.3928	3879713.115	35.049124	-106.635202			
	3	5	3	351267.6287	3879812.08	35.050076	-106.630833			

CASE NUMBER	STATION REPORT	TRACS DATA
710454620	Left Blank	Yes
710444688	Left Blank	Yes
710549496	Left Blank	Yes
180010437	Yes	No
710550759	Left Blank	Yes
710542753	Left Blank	Yes
710541719	Left Blank	Yes
710549548	Left Blank	Yes
710579988	Left Blank	Yes
710577593	Left Blank	Yes
710552833	Left Blank	Yes
190018454	Yes	No
710577544	Left Blank	Yes
190021513	Yes	No
190099945	Yes	No
710573680	Left Blank	Yes
710759923	Left Blank	Yes
710583972	Left Blank	Yes
710564860	Left Blank	Yes
710581898	Left Blank	Yes
200062701	Left Blank	Yes
AP210086298	Yes	No
210018353	Left Blank	Yes
210060487	Left Blank	Yes
210014229	Left Blank	Yes
210087143	Left Blank	Yes
AP210007647	Left Blank	Yes
220053955	Left Blank	Yes
220003939	Left Blank	Yes
220056393	Left Blank	Yes
220051731	Left Blank	Yes
220065677	Left Blank	Yes
220028313	Left Blank	Yes
220088077	Yes	No
SO22040005413	No	No

Appendix 13

Project Name	Analysis Year Traffic Volumes									
Opus Transport Apartments	AM	Major	Minor	PM	Major	Minor				
Intersection	No Build	1496	149	No Build	1673	157				
Woodward Rd. at University Blvd.										
Analysis Year										
2025										
	Build	1532	173	Build	1738	175				
Number of Lanes										
Major St. 2										
Minor St. 1										





DW Stoper