Council Meeting of July 27, 2016

Agenda Item No. 7d

### REQUEST FOR COUNCIL ACTION

**SUBJECT:** 

Appeal of Impact Fees Paid for Overland Storage.

**SUMMARY:** 

Overland Storage LLC is a proposed Self Storage Facility at 9372 Prosperity Road and has requested a reduction in impact fees based on the estimated lowered impact of the development. Two separate analyses were conducted and submitted at the City's request to provide written documentation in support of an impact fee

adjustment.

FISCAL AND OR ASSET IMPACT:

If approved the city will receive a deficit of \$74,962.93 from

account #443824.

### STAFF RECOMMENDATION:

The study by Tischler/Bise adjusts the road fee only and leaves the fire and police fee the same. If approved this would then provide a reimbursement to Overland Storage LLC, in the amount of \$74,962.93. It is at the discretion of the City Council to allow modification or reductions to fees and determine if such fees are in excess of the percentage of reasonable costs set forth in City Code.

### **MOTIONS RECOMMENDED:**

Move to approve Resolution 125 authorizing staff to pay the reimbursement to Overland Storage LLC in the amount of \$74,962.93.

Move to deny Resolution <u>11-125</u> authorizing staff to pay the reimbursement to Overland Storage LLC in the amount of \$74,962.93.

Prepared by:

LuAnn Allie

**ODA** Dev Coordinator

Reviewed by:

Concurred by:

Wendell Rigby

Day d Oka, Community

and Economic Development Public Works Director

Director

Reviewed as to legal form:

David R. Brickey,

City Attorney

Approved by:

Mark R. Palesh,

City Manager

BACKGROUND DISCUSSION: Overland Storage is a self storage land use being constructed in West Jordan at 9372 Prosperity Road and does not fit the typical industrial road impact fee category currently utilized by the City to assess fees for future improvements. The owners of the Overland Storage approached the City Staff about reducing the fees based on the non-standard type of land use being constructed on this property. Because of its unique characteristics, impact fees can be adjusted so that they more accurately reflect the true demands placed by new development on roads, water, sewer, storm water, police and fire/EMS capital facilities.

Typically, roadway impact fees are based on average daily traffic volumes due to the methodology followed to identify future municipal needs. The typical process includes the development of a Transportation Master plan which identifies new roads, and widening projects to narrow the gap between the existing transportation demand and the future demand (daily trips), on a city-wide basis. This process is completed utilizing a travel demand model, in the case of the Salt Lake Valley, most municipalities will use the Wasatch Front Regional Council's (WFRC) travel demand model as the backbone for this analysis. On occasion, a municipality will refine the model with updated land uses and planned roadway improvements, some of which are constructed by development. Following completion of the Transportation Master Plan, an Impact Fee Facilities Plan and an Impact Fee Analysis will be completed to identify a cost attributable to new development to cover the projected future improvements.

When a review of the Jordan Valley Station TOD site was completed by Hales Engineering in 2010, roadway impact fees in West Jordan were being assessed on a daily trip basis and impact fees were lowered to account for the lower impact of a mixed use transit oriented development, based on the fact that they would generate less traffic than a standard development.

The same premise can be applied to Overland Storage LLC. Due to limited number of categories associated with the West Jordan Impact Fee schedule, Overland Storage roadway impact fees were calculated on a square foot basis of "Industrial" land use and totaled \$108,341.93. For comparison purposes, Tischler/Bise used the ITE Trip Generation Manual (9<sup>th</sup> edition, 2012) to calculate the trips for the proposed facility. Using ITE's weekday trip generation rate of 2.50 trip ends per 1,000 square feet of gross floor area specified under ITE Code 151: Mini-Warehousing, they calculated a total of 206 (rounded) trips per weekday for a facility with 82,452 gross square feet (82,452 aq. Ft. / 1,000 X 2.50 trips). With a standard 50% trip adjustment rate, total trips generated is multiplied by West Jordan's average miles per vehicle trip (5.22), cost per vehicle mile of travel (\$82.84), and trip length adjustment factor from the 2001 National Household Travel Survey for "Other Family/Personal Errands" (75%), resulting in a total Road fee of \$33,379 (truncated).



### **INVOICE**

Application: 10084

7/11/2016

Office of Development Assistance

8000 S Redwood Road West Jordan, UT 84088 Phone: (801) 569-5180

> HOLMAN, BRIAN 9372 SOUTH PROSPERITY DRIVE WEST JORDAN, UT 84088 801-731-9990

OVERLAND STORAGE SITE PLAN

FEE DESCRIPTION	QUANTITY	FEE AMOUNT	AMOUNT PAID
ENG REVIEW FEE APPLICATION	0.00	1,000.00	1,000.00
4% OF BOND AMOUNT	54,641,00	2,185.64	2,185.64
ENG STREET LIGHT FEE	1.00	18.00	18.00
IMPACT FEE FIRE IND	82,452.00	14,758.91	14,758.91
IMPACT FEE POLICE INDUSTRIAL	82,452.00	4,287.50	4,287.50
IMPACT FEE ROAD INDUSTRIAL	82,452.00	108,341.93	108,341.93
IMPACT FEE SEWER .75	1.00	1,333.00	1,333.00
IMPACT FEE WATER .75	1.00	1,922.00	1,922.00
STORM DRAIN IMPACT INDUSTRIAL	3.71	44,820.51	44,820.51
SITE COMM / INDUST PRELIMINARY	3.71	1,705.20	1,705.20
SITE PLAN COMM/INDUST FINAL	3.71	1,845.20	1,845.20
WATER METER CONNECT 3/4" CULLI	1.00	288.45	288.45
WATER METER 3/4" DETECT-A-CHEC	2.00	576.90	576.90
WATER METER 1" LANDSCAPING	1.00	395.55	395.55

Total Fees: \$183,478.79

Total Paid \$183,478.79

Unpaid Balance: \$0.00

### THE CITY OF WEST JORDAN, UTAH

A Municipal Corporation

RESOLUTION NO. 16-125

A RESOLUTION AUTHORIZING THE MAYOR TO APPROVE THE APPEAL TO CITY COUNCIL TO REIMBURSE IMPACT FEES IN EXCESS OF THE PERCENTAGE OF REASONABLE COSTS BETWEEN THE CITY OF WEST JORDAN AND OVERLAND STORAGE LLC.

Whereas, the City Council of the City of West Jordan has determined that it is in the best interest of the City to reimburse the impact fees found in excess of the percentage of reasonable costs to be recovered, and

Whereas, the City Council of the City of West Jordan desires that the reimbursement be paid by City Staff; and

Whereas, the Mayor is authorized to execute the reimbursement.

NOW, THEREFORE, IT IS RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST JORDAN, UTAH, THAT:

	Section 1.	The City Staff is hereby authorized and directed to reimburse impact fees found in excess of the percentage of reasonable costs of Overland Storage LLC, in the amount of \$74,962.93.
	Section 2.	This Resolution shall take effect immediately upon passage.
2016.	Adopted by the	e City Council of West Jordan, Utah, this day of,
	CITY OF WES	Γ JORDAN
		By: Mayor Kim V. Rolfe
		ATTEST:

Melanie S. Briggs, City Clerk/Recorder

Voting by the City Co	uncil	"AYE"	"NAY"
Jeff Ha	aga	<del></del>	
Zach Ja	cob		
Chris M	1cConnehey	·	
Chad N	ichols	***************************************	
Dirk Bı	arton		
Sophie	Rice		
Mayor I	Kim V. Rolfe		



4701 SANGAMORE ROAD | SUITE S240 | BETHESDA | MD 20816 T: 800.424.4318 | F: 301.320.4860

300 UNO LAGO DRIVE | SUITE 405 | NORTH PALM BEACH | FL 33408 T: 800.424.4318 | F: 301.320.4860

WWW.TISCHLERBISE.COM

### **TECHNICAL MEMORANDUM**

TO:

Stephen Glain, Mgt. Assistant to City Manager

FROM:

Carson Bise, President, TischlerBise

DATE:

June 28, 2016

RE:

Independent Road Impact Fee Study: Proposed Overland Self Storage Facility

### **Overview and Summary**

TischlerBise was asked by City of West Jordan, Utah to conduct an independent impact fee analysis of the proposed Overland Self Storage Facility at 9372 Prosperity Road. TischlerBise is a fiscal, economic, and planning consulting firm specializing in fiscal impact analysis, impact fees, utility rates, and other cost of growth services. We conducted the City of West Jordan's impact fee study (2013). This memorandum summarizes the proposed development; analyzes its potential additional demand on City road facilities; and calculates a total fee.

This individual impact fee study is based on information from a traffic impact study for the facility completed by Project Engineering Consultants (May 19, 2016) and trip generation data from the Institute of Transportation Engineers (ITE) Trip Generation Manual (9th Edition, 2012).

### **Proposed Development**

The applicant proposes developing a self-storage facility with seven storage buildings and an office structure totaling 82,452 square feet. Substantial completion of the facility is anticipated in 2017.

### **Overview of Impact Fees**

Impact fees, also known as facility or development fees, are one-time payments charged to new development that are used to fund capital improvements necessitated by new growth. Impact fees have been utilized by local governments in various forms for at least 50 years. An impact fee represents new growth's fair share of capital facility needs.

There is little federal case law specifically dealing with impact fees, although other rulings on other types of exactions (e.g., land dedication requirements) are relevant. In one of the most important exaction cases, the U. S. Supreme Court found that a government agency imposing exactions on development must demonstrate an "essential nexus" between the exaction and the interest being protected. (See *Nollan v. California Coastal Commission*, 1987.) In a more recent case (*Dolan v. City of Tigard, OR*, 1994), the Court ruled that an exaction also must be "roughly proportional" to the burden created by development. However, the *Dolan* decision appeared to set a higher standard of review for mandatory dedications of land than for monetary exactions such as impact fees.

These constitutional requirements of impact fees are commonly referred to as "rational nexus" test. The rational nexus test has three elements:

Demand – a particular type of development demands a particular type of infrastructure.

Proportionality – the fees are proportionate to the demand created by development for infrastructure.

Benefit – The payer of the impact fee must receive a benefit (i.e., the construction of infrastructure which accommodates their impact on a community's capital facilities and assets).

Impact fees should be assessed on new development when there is a net increase in the impact, and therefore the demand for additional infrastructure, between existing development and the new development. Additionally, both residential and nonresidential development place demands on a locality's infrastructure. For instance, a new retail development will increase the number of vehicle trips due to both customers and employees, which in turn results in a need for additional infrastructure capacity.

### City of West Jordan Road Impact Fee Program

TischlerBise used the ITE *Trip Generation Manual* (9<sup>th</sup> Addition, 2012)<sup>1</sup> to calculate the trips for the proposed facility. Using ITE's weekday trip generation rate of 2.50 trip ends per 1,000 square feet of gross floor area specified under ITE Code 151: Mini-Warehousing, we calculated a total of 206 (rounded) trips per weekday for a facility with 82,452 gross square feet (82,452 sq. ft. / 1,000 X 2.50 trips).<sup>2</sup> With a standard 50% trip adjustment rate,<sup>3</sup> total trips generated is multiplied by West Jordan's average miles per vehicle trip (5.22), cost per vehicle mile of travel (\$82.84), and trip length adjustment factor from the 2001 National Household Travel Survey for "Other Family/Personal Errands" (75%), resulting in a total Road fee of \$33,379 (truncated). Please see Figure 1 for this calculation.

Figure 1. Roads Fee

Roads				
Average Miles per Vehicle Trip	5.22			
Cost per Vehicle Mile of Travel	\$82.84			
	Weekday	Trip Rate	Trip Length	
	Vehicle	Adjustment	Adjustment	Total
	Trip Ends	Factors	Factor	Fee
ITE 151: Mini-Warehouse	206	50%	75%	\$33,379

<sup>&</sup>lt;sup>1</sup> TischlerBise's 2013 impact fee study used ITE's previous edition of the *Trip Generation Manual* (8<sup>th</sup> Addition, 2008) to calculate trip ends. This individual impact fee study makes use of the latest trip generation rate data.

<sup>&</sup>lt;sup>2</sup> Please note that Project Engineering Consultants' May 19. 2016 traffic impact study erroneously references ITE Code 220 for Mini-Warehouse, but uses the correct weekday vehicle trip ends per 1,000 gross square feet rate of 2.50.

<sup>&</sup>lt;sup>3</sup> A vehicle trip end represents a vehicle either entering or exiting a development (as if a traffic counter were placed across a driveway). To calculate road impact fees, trip generation rates are adjusted to avoid double counting each trip at both the origin and destination points. A basic trip adjustment factor of 50% is applied to most industrial land use categories because trip ends are highly unlikely to occur due to pass-by effects on the way to a different primary destination (which would lower the lower the trip adjustment rate and subsequently decrease the trip end rate).

Please note that this analysis is based on the particular situation and set of assumptions described above and does not include an assessment/recommendation of any other issue, which may include other potential future development within City limits that may or may not result in an increase in demand for City infrastructure.



### Traffic Impact Study

Overland Self Storage

### Submitted To:

Overland Group, Inc. 6575 South Redwood Road, Suite 102 Salt Lake City, Utah 84123

### Submitted By:

Project Engineering Consultants, Ltd. 986 West 9000 South West Jordan, Utah 84088 801-495-4240

May 19, 2016

### Contents

Executive Summary	
I. Introduction	
II. Level of Service (LOS) Standards	
III. Existing (2016) Conditions	
Physical Characteristics	4
Study Intersections	4
Traffic Counts	
Existing (2016) LOS Analysis	4
III. Proposed Development	4
Trip Generation	
Trip Distribution	
Trip Assignment	{
V. LOS Analysis	}
VI. Conclusion	13
VII. References	13

Appendix A: 2015 Traffic Volumes Appendix B: HCM Analyses



### List of Figures

Figure 1. Vicinity Map	3
Figure 2. Existing Roadway and Traffic Control Features	
Figure 3. 2016 Peak Hour Traffic Volumes	
Figure 4: Site Plan	7
Figure 5. Trip Distribution	9
Figure 6. Trip Assignment	
Figure 7. 2017 Traffic Volumes	
Figure 8. Project and 2017 Traffic Volumes	
List of Tables	
Table 1: Unsignalized Intersections LOS and Delay Summary	2
Table 2: Trip generation of Overland Self Storage development.	
Table 3: Intersection LOS Analyses Results.	

### **Executive Summary**

The proposed Overland Self Storage development is located in West Jordan, Utah at approximately 9372 Prosperity Road on the west side of the road. The development consists of seven storage buildings, an office building, and eight parking stalls.

Substantial completion of the development is anticipated by the end of 2017.

The level-of-service (LOS) analyses of the two study intersections, Prosperity Road and Dannon Way, and Prosperity Road and Wells Park Road, indicates that the intersections will continue to operate at the same LOS B when the development is completed in 2017.

The turning movements at the driveway will operate at a LOS B during peak periods.

### I. Introduction

Mr. Brian Holman of Overland Group, Inc. contracted with Project Engineering Consultants, Ltd. (PEC) to perform a traffic impact study for the proposed Overland Self Storage located at approximately 9372 Prosperity Road in West Jordan, Utah (See Figure 1). The development consists of seven storage buildings, an office, and eight parking stalls and substantial completion of the development is anticipated in 2017. The objective of this study is to determine the effects of the proposed land development on the surrounding intersections.

### II. Level of Service (LOS) Standards

An assessment and intersection analysis was performed for the existing traffic conditions to quantify the impact that the proposed development will have on the nearby intersections. Utilizing the analysis methodology outlined in the *Highway Capacity Manual*, the intersections are given a LOS from A through F. LOS is a qualitative measurement for operational conditions within a traffic stream and the perception by motorists and/or pedestrians. A LOS is generally described with these conditions in terms of factors, such as speed and travel time, freedom to maneuver, traffic interruptions, comfort and convenience, and safety. There are six levels of service describing these conditions (ranging from A to F), which have been standardized by the Transportation Research Board. LOS A represents a free-flowing traffic condition where motorists are affected minimally by other motorists; a high degree of freedom to select desired speeds and the level of comfort and convenience to the motorist is excellent. LOS F is characterized by congested flow conditions with stoppages; the amount of traffic approaching a point exceeds the amount that can pass that point.

The various levels of service, and associated delay relationships, are summarized for unsignalized intersections in Table 1.

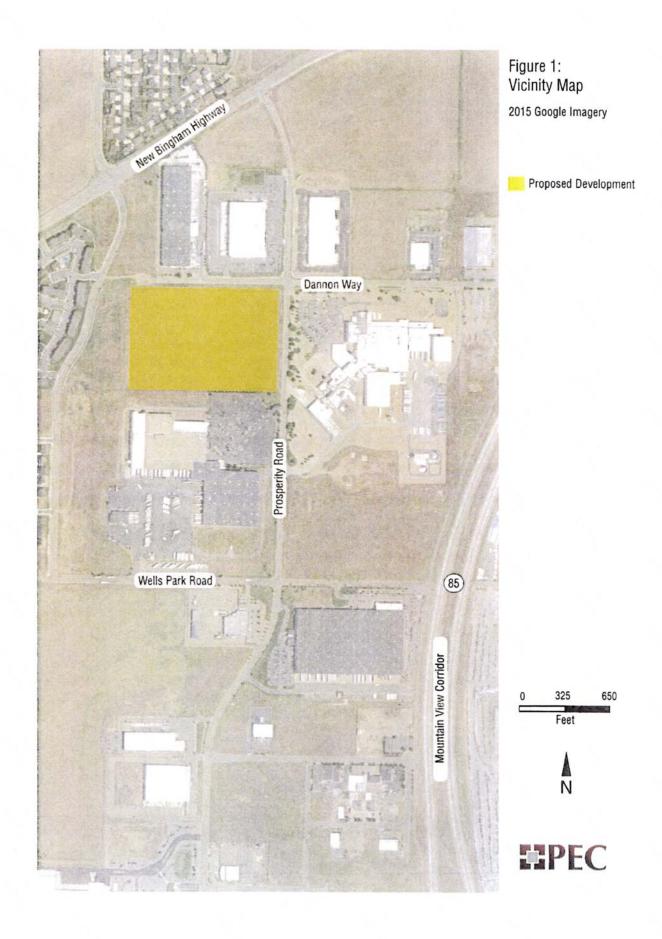
LOS	Delay
Α	0 - 10
В	> 10 - 15
С	> 15 - 25
D	> 25 - 35
E	> 35 - 50
F	> 50

Table 1: Unsignalized Intersections LOS and Delay Summary

Source: Highway Capacity Manual, 19-2

Generally, LOS D (or higher) during the peak hour is considered an acceptable LOS in West Jordan. At LOS D, motorists have little (if any) freedom to choose speeds or lanes of travel and experience some discomfort, inconvenience, and delay.

Consistent with industry standards, the *Trip Generation Manual*, *Highway Capacity Manual*, and Synchro software were used to prepare this traffic study.



### III. Existing (2016) Conditions

### Physical Characteristics

Prosperity Road is a two-lane north-south collector road that widens at two intersections providing turn lanes (See Figure 2). Dannon Road and Wells Park Road provide access to the local developments located in the area.

### **Study Intersections**

Two intersections in the study area were selected for analysis. They are:

- Prosperity Road and Dannon Way four-leg intersection with two-way stop control on Dannon Way.
- Prosperity Road and Wells Park Road four-leg intersection with two-way stop control on Wells Park Road.

### **Traffic Counts**

PEC gathered counts of existing traffic volumes at Dannon Way and Wells Park Road intersections with Prosperity Road on May 10–11, 2016 between the hours of 7:00 a.m.–9:00 a.m. and 4:00 p.m.–6:00 p.m. (see Appendix A: Traffic Volumes). Collected data is illustrated in Figure 3.

### Existing (2016) LOS Analysis

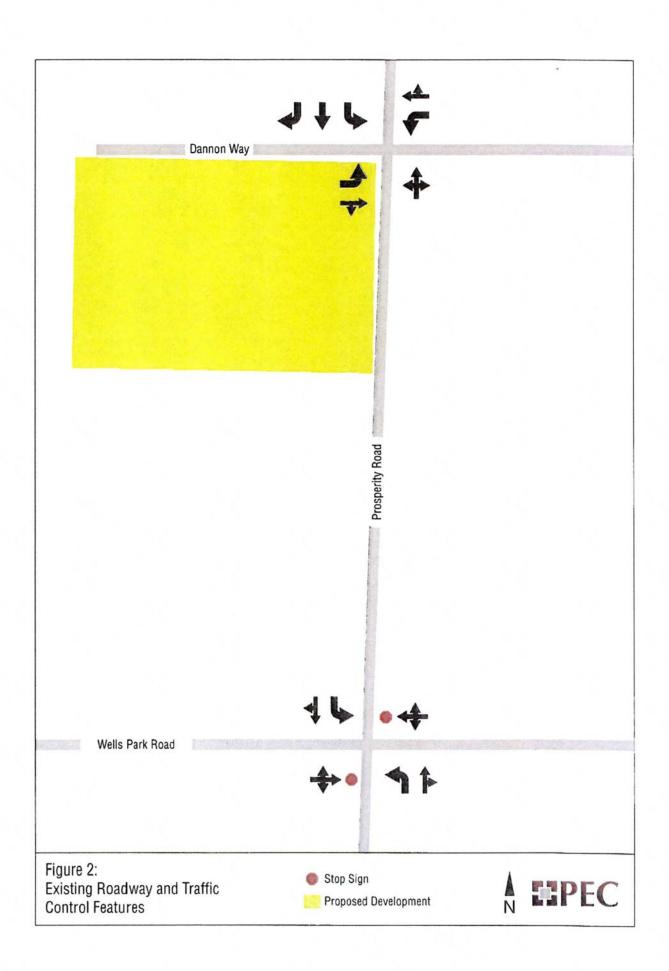
The existing turning movement volumes from the intersections included within the study area were analyzed using methodologies found in the latest edition of the *Highway Capacity Manual* to establish the baseline LOS. The turning movement volumes shown in Figure 3 were used to analyze the 2016 existing traffic conditions. Based on the data collected during the traffic counts, the percentage of heavy vehicles at the existing intersections varied during the a.m. and p.m. peak hours, and was applied as a representative number of expected percentage of heavy vehicles in future scenarios. The peak hour factor (PHF) from the traffic counts was also used for all intersections in existing and future analyses. The Synchro analysis results at each intersection for the 2016 existing conditions are summarized in Table 3.

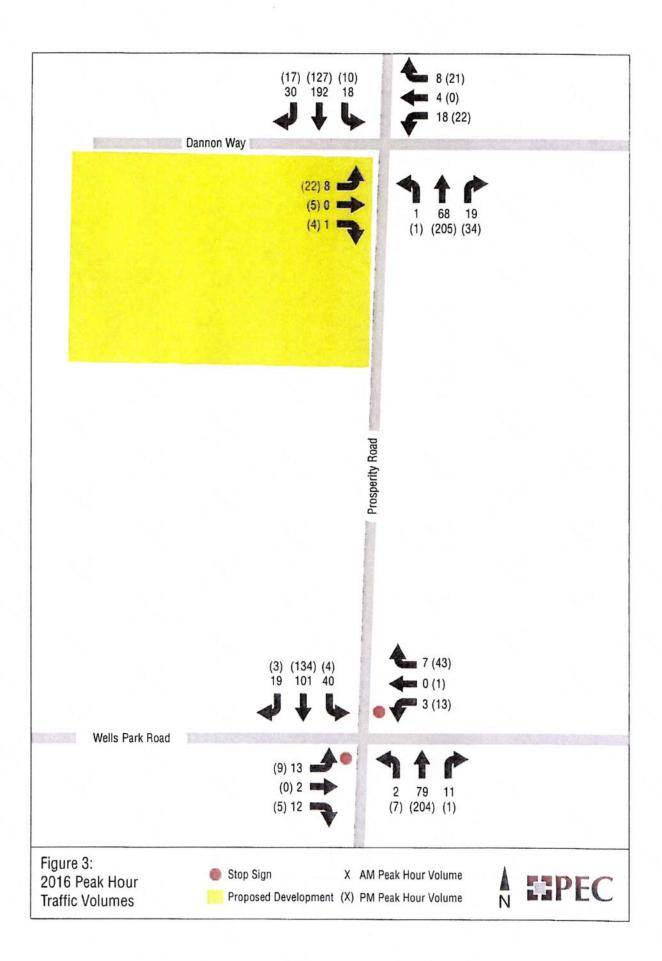
### III. Proposed Development

The Overland Self Storage development is planned on the west side of Prosperity Road and the south side of Dannon Way. The proposed layout of the seven storage buildings and office building are illustrated in Figure 4.

### **Trip Generation**

The number of project trips for the proposed development were calculated using land-use rates published in the *Trip Generation Manual*. Land-use code 220 was applied for the storage units and site office. The trips generated by the proposed development are summarized in Table 2.





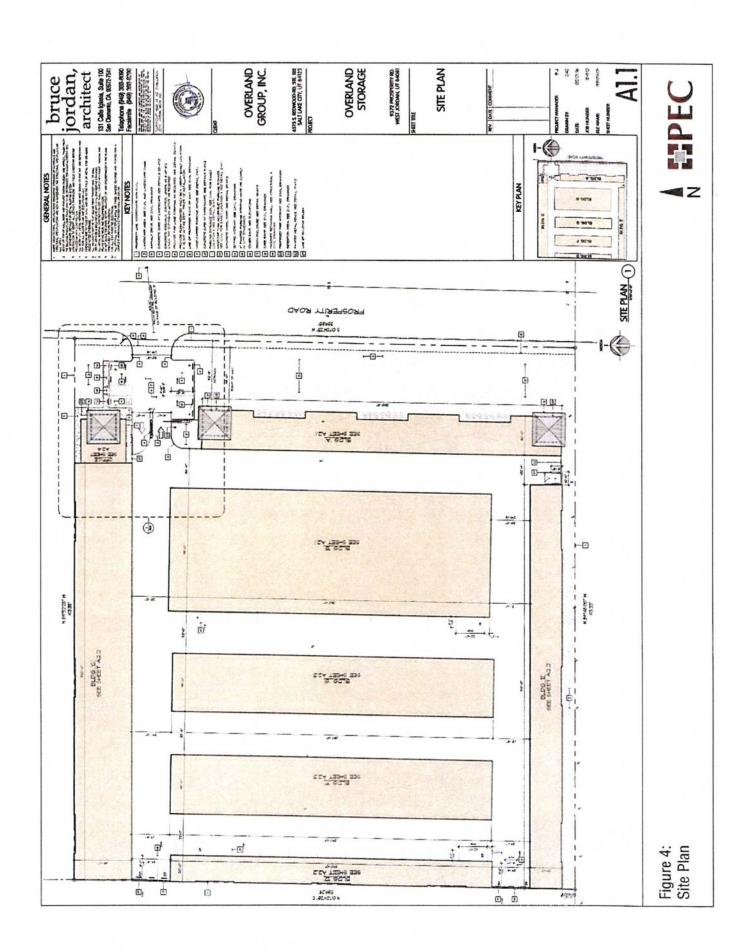


Table 2: Inp g	eneration c	ot Overlana	<u> </u>	rage ae	evelopment	•								
			Weekday Trips											
Land Use	Number	Weekday	·											
Land Ose	Number	Total	Avg.	Total	Entering	Exiting	Avg.	Total	Entering	Exiting				
		Trips	Rate	Trips	55%	45%	Rate	Trips	50%	50%				
Mini- warehouse (220)	82,452 sq. ft.	206	0.14	12	6	6	0.26	22	11	11				

Table 2: Trip generation of Overland Self Storage development.

### Trip Distribution

The distribution of the generated traffic to the intersections and access point in the study area is illustrated in Figure 5.

### Trip Assignment

The traffic assigned to each intersection and the driveway is based on the trip distribution of the project-generated traffic and is illustrated in Figure 6

### V. LOS Analysis

The intersections included within the study area were analyzed for the existing and future traffic conditions. Background traffic growth for the area was forecasted forward to 2017 using an assumed two percent annual growth rate and are illustrated in Figure 7. The project traffic volumes and the background traffic volumes used for analyzing the proposed development are illustrated in Figure 8. The Synchro analysis results at each intersection for the various analysis conditions (existing and proposed) are summarized in Table 4. The corresponding Synchro reports can be found in Appendix B: HCM Analyses.

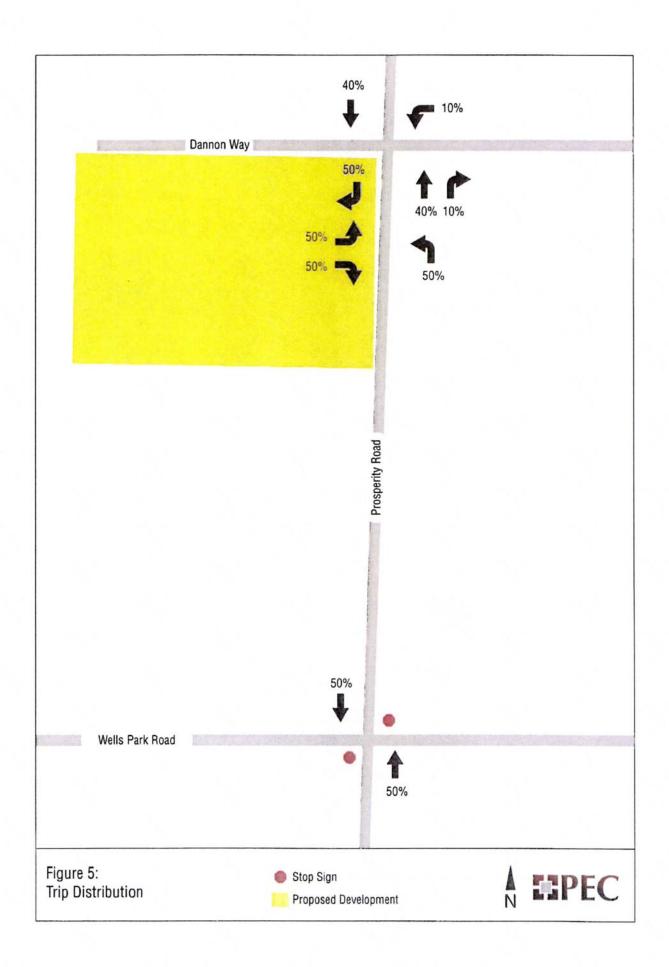
Table 3: Intersection LOS Analyses Results	Table .	<ol><li>Intersection</li></ol>	LOS Anal	yses Results.
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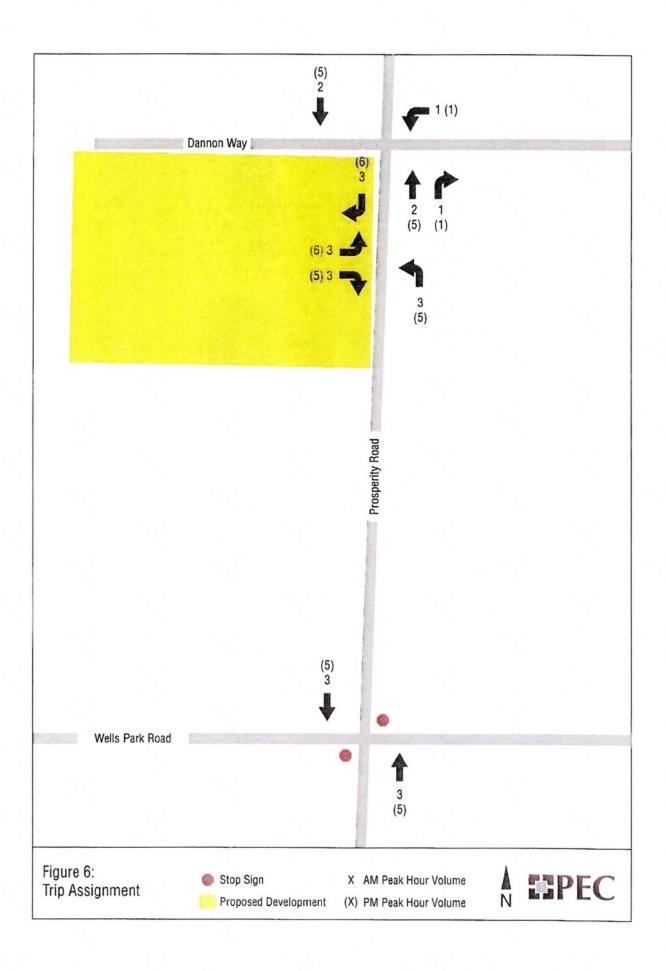
	Peak	Direction	LOS/Delay (sec/veh)*							
Location	Period	Movement	2016	2017	2017					
	renou	Movement	2010	Baseline	w/Project					
Prosperity Rd./Dannon	AM	EBLT	B/12.9	B/13.0	B/13.1					
Way	PM	EBLT	B/14.1	B/14.2	B/14.5					
Prosperity Rd./Wells Park	AM	EBLT	B/12.0	B/12.1	B/12.2					
Rd.	PM	EBLT	B/12.9	B/13.1	B/13.2					
Dugamanitus D.d./Duisvassass	AM	EBLT			B/10.5					
Prosperity Rd./Driveway	PM	EBLT			B/11.5					

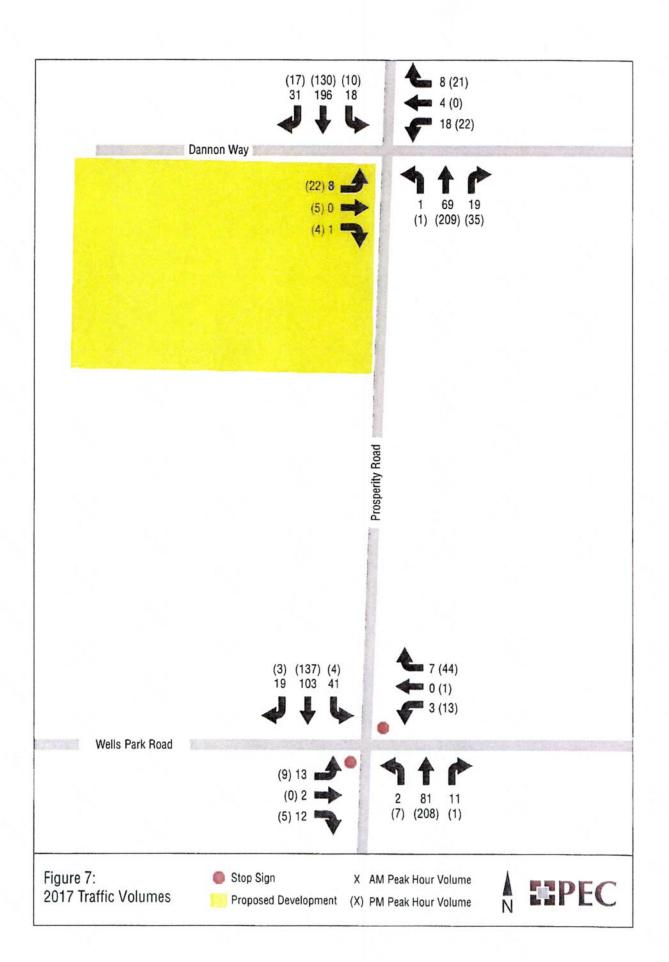
Note: For stop-controlled intersections, LOS is not provided for the entire intersection because certain movements are not required to stop. As a result, the movement or approach with the significant delay is included in the table.

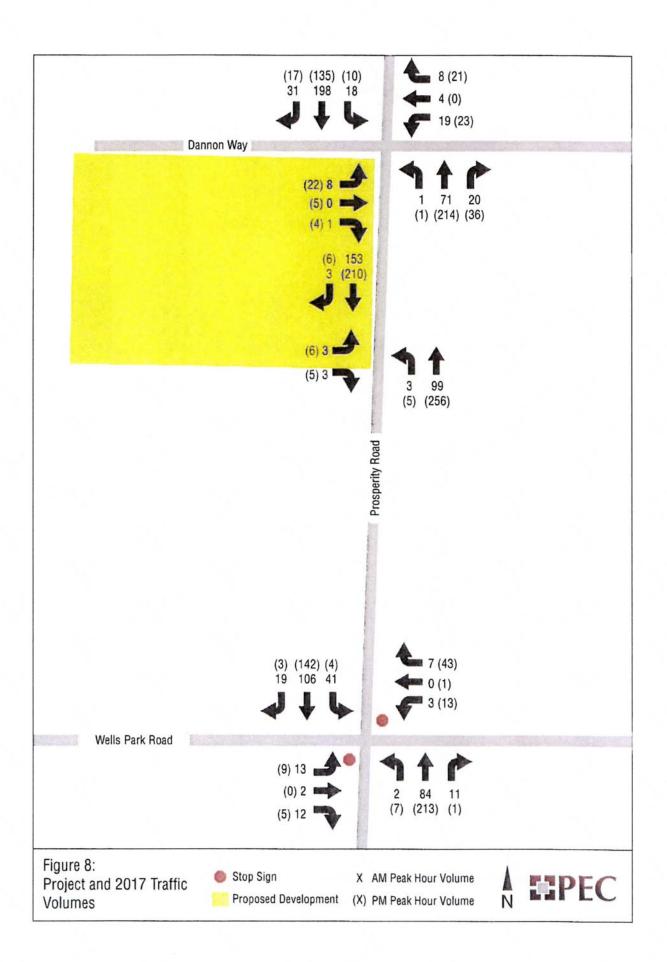
\*Delay is measured in seconds/vehicle; EBLT = eastbound left

Currently, the eastbound left-turn movement operates at LOS B during the a.m. and p.m. peak periods at both study intersections. These intersections will continue operating at the same LOS with the normal growth of traffic and with the additional trips generated by the proposed development in 2017. Once the development is completed, the driveway will function at a LOS B during the a.m. and p.m. peak periods.









### VI. Conclusion

The trips generated by the proposed development will have very little effect on nearby intersections. The driveway will operate well because of the limited movements in and out of the site.

### VII. References

Transportation Research Board. (2010). *Highway Capacity Manual (HCM 2010)-Volume 3: Interrupted Flow.* Washington, DC: National Academy of Sciences. ISBN 978-0-309-16080-3.

Institute of Transportation Engineers. (2012). *Trip Generation Manual-9th Edition, Volume 2: Data and Volume 3: Data.* Washington, DC. Institute of Transportation Engineers. Publication No. IR-016G.

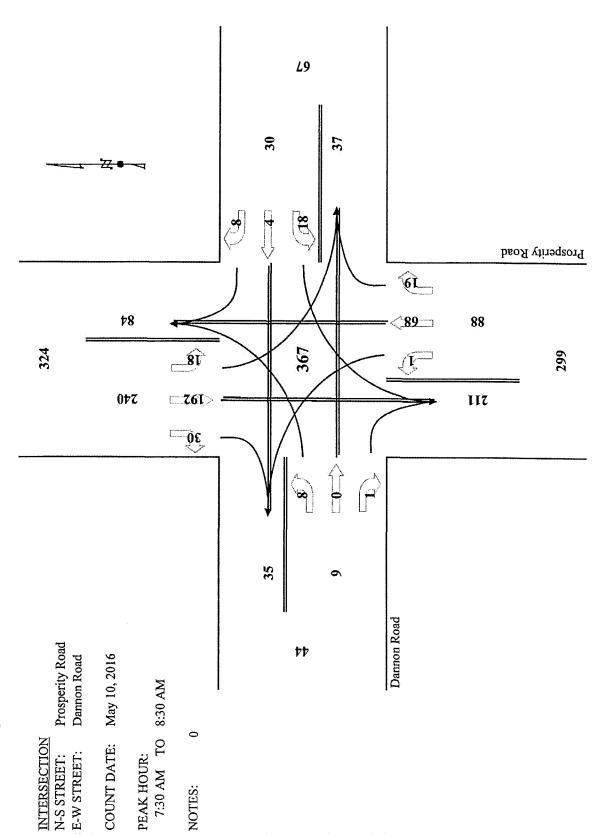


## TURNING MOVEMENT COUNT SUMMARY

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	Prosperity Road Dannon Road	UT'16-099 May 11, 2016	4:00 PM 6:00 PM	1.00		TIME PERIOD	10:	4:30 PM	4:45 PM	5:00 PM	5:15 PM	5:45 PM	6:00 PM	Included HV (trucks + buses):		TIME PERIOD	TO:	5:00 PM	5:15 PM	5:30 PM	5:45 PM	5:00 PM 6:00 PM 7:00 PM 7:00 PM 6:00 PM 7:00 P
<b>EPEC</b>	INTERSECTION: N-S STREET: E-W STREET:	PROJECT NO.: COUNT DATE: NOTES:	<u>COUNT TIME:</u> FROM: TO:	GROWTH FACTOR:	COLINE DATA INPLIFE	AIT	TROM:	4:15 PM	4:30 PM	4:45 PM	5:00 PM	5:30 PM	5:45 PM		HOTIBLY WORATO.		FROM:	4:00 PM	4:15 PM	4:30 PM	4:45 PM	\$:00 PM *NOTE* PHF IS BASED

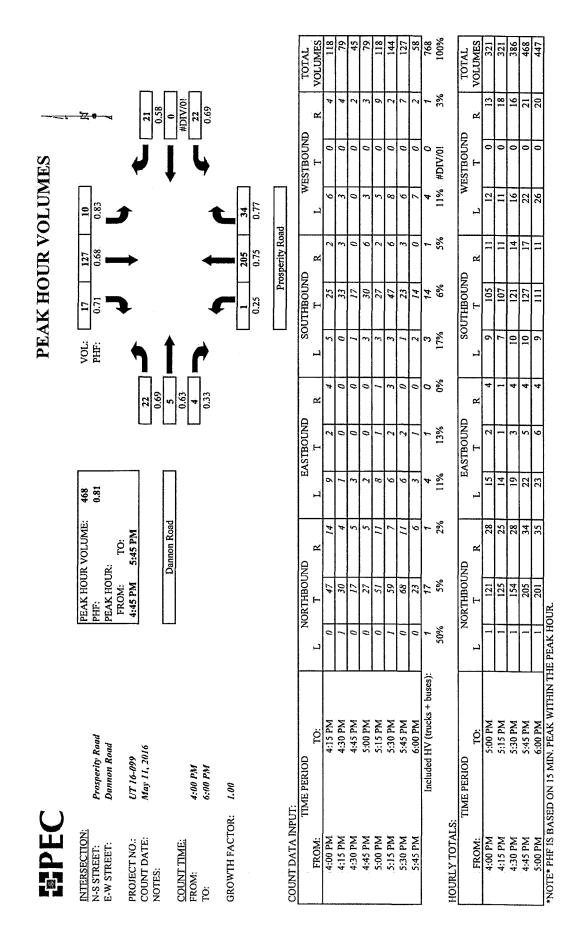
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# PEAK HOUR TURNING MOVEMENT DIAGRAM



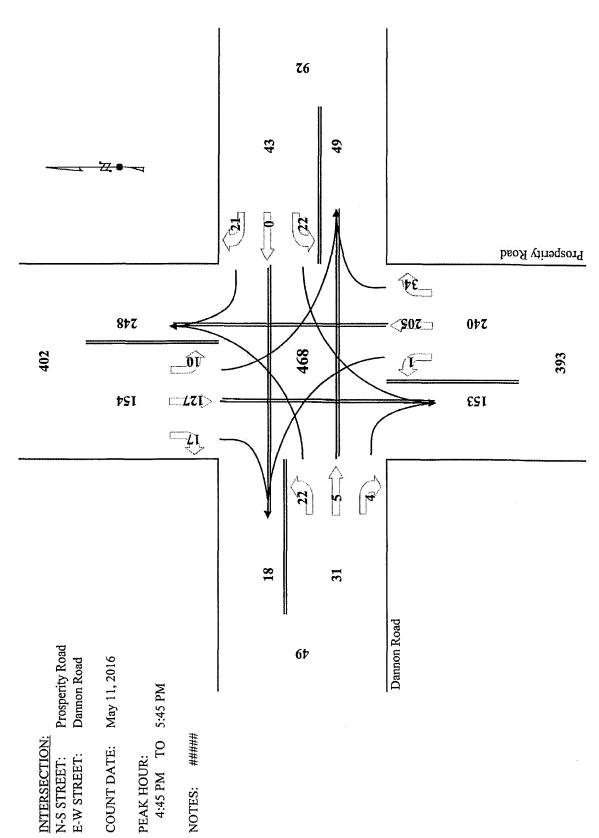
Traffic Count - Prosperity Road and Dannon Road AM Fig 1

## TURNING MOVEMENT COUNT SUMMARY



### M DE(

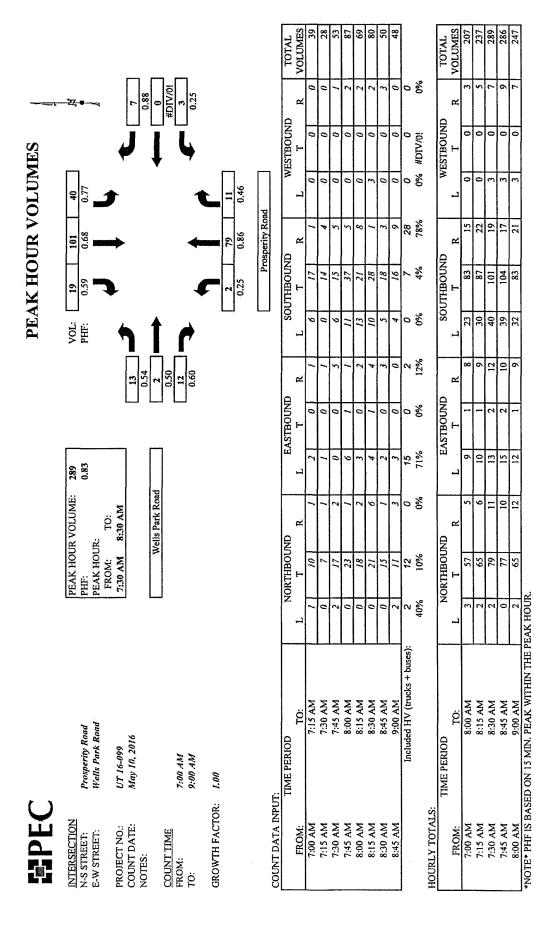
# PEAK HOUR TURNING MOVEMENT DIAGRAM



Traffic Count - Prosperity Road and Dannon Road PM Fig 1

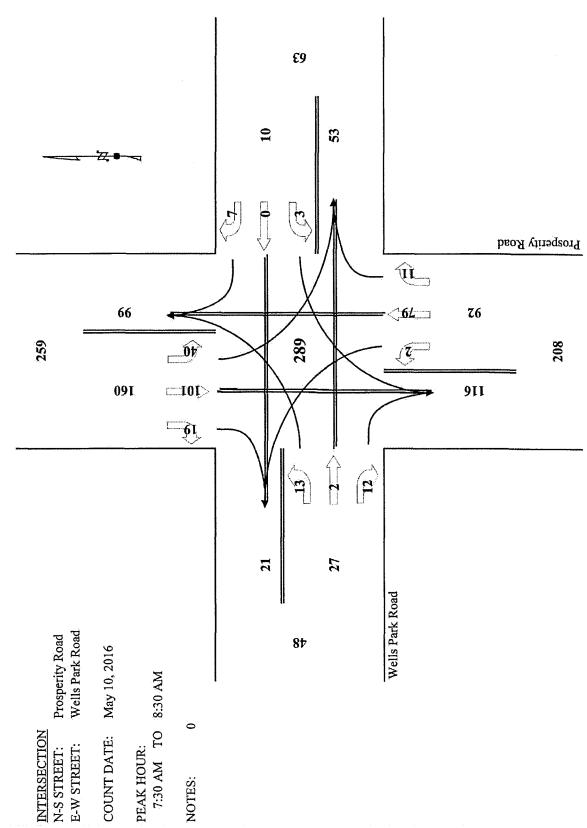
### 5/19/2016 11:19 AM

## TURNING MOVEMENT COUNT SUMMARY



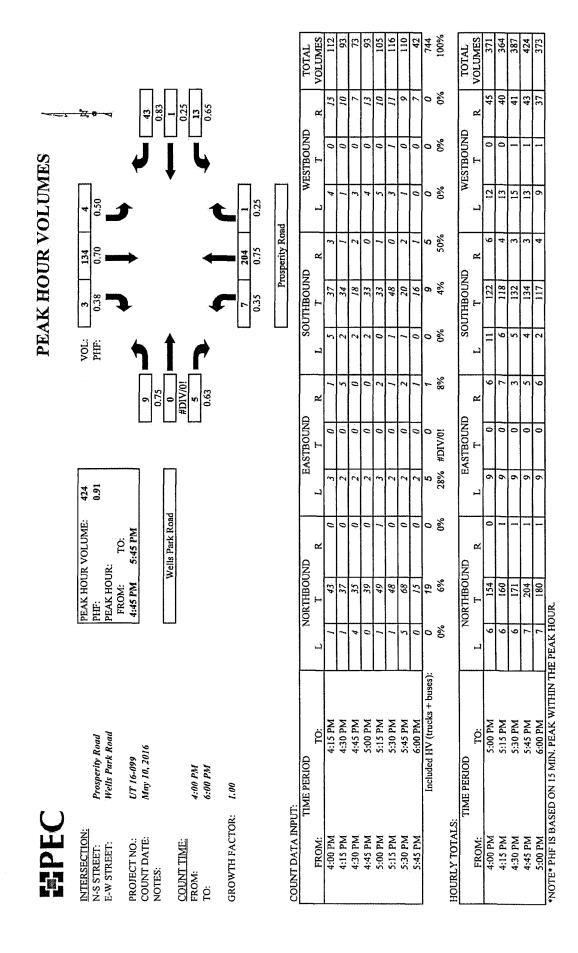
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# PEAK HOUR TURNING MOVEMENT DIAGRAM



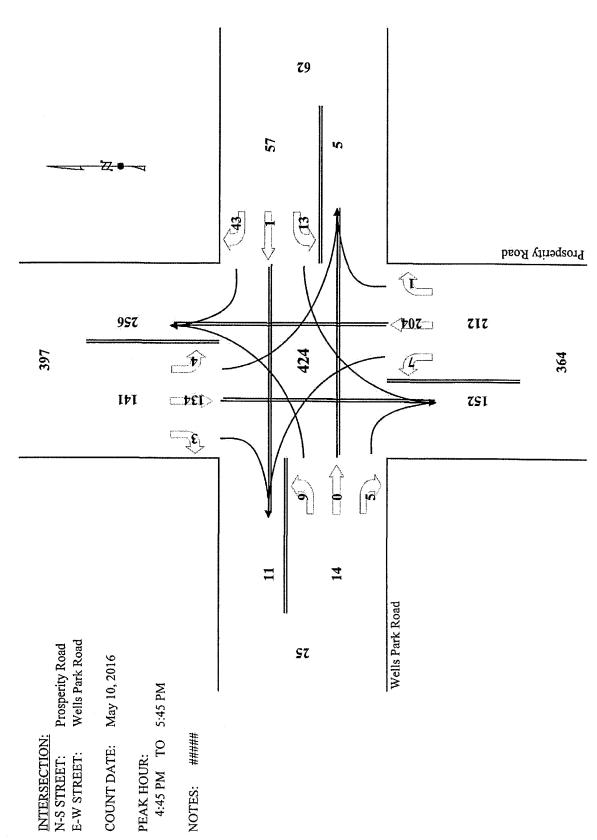
Traffic Count - Prosperity Road and Wells Park Road AM Fig 1

### TURNING MOVEMENT COUNT SUMMARY



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# PEAK HOUR TURNING MOVEMENT DIAGRAM



Traffic Count - Prosperity Road and Wells Park Road PM Fig 1

### Appendix HCM Analyses

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### 3: Prosperity Rd & Dannon Way

Intersection Delay, s/veh	2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	8	0	1	18	4	8	1	68	19	18	192	30
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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	0	1	Am of							0		
Veh in Median Storage, #		0		-	0		( <del>-</del>	0	-	-	0	
Grade, %	72.70	0			0			0			0	e di S
Peak Hour Factor	40	92	25	75	50	100	25	77	79	56	71	63
Heavy Vehicles, %	21	25	0	6	20	0	0	29	6	11	14	(
Mvmt Flow	20	0	4	24	8	8	4	88	24	32	270	48
										Y STORY		
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	451	455	270	445	443	100	270	0	0	112	0	(
Stage 1	335	335	-	108	108	-	-	-		-	-	
Stage 2	116	120		337	335					The second		
Follow-up Headway	3.689	4.225	3.3	3.554	4.18	3.3	2.2	-		2.299	-	
Pot Capacity-1 Maneuver	488	469	774	517	483	961	1305			1423		
Stage 1	641	604	-	888	772		-	-	-	-		
Stage 2	845	754		669	612							
Time blocked-Platoon, %								-	-			
Mov Capacity-1 Maneuver	468	457	774	504	471	961	1305	A STATE		1423		
Mov Capacity-2 Maneuver	468	457		504	471	-	-	-		-		
Stage 1	639	590		885	770							
Stage 2	827	752	-	651	598			MOSERNOW SUCC	-			
							ND.			00		
Approach	EB			WB			NB			SB		
HCM Control Delay, s	12.4			12.1			0.3			0.7		
HCM LOS	В			В								
Minor Lane / Major Mvmt	THE STATE OF	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR	A GANG	
Capacity (veh/h)		1305		14011	468	549	548	1423	-	CEIN	NAME OF TAXABLE PARTY.	
HCM Lane V/C Ratio		0.003	and stands	382638	0.028	0.019	0.073	0.023				
HCM Control Delay (s)		7.767	0		12.9	11.7	12.1	7.588				
HCM Lane LOS		Α	A	The Condition	B	В	B	7.500 A	72 1027			
HCM 95th %tile Q(veh)		0.009	^	GOV CHA	0.088	0.059	0.235	0.069				
HOW JOHN TOUIS Q(VOII)		0.003		Death of Miles	0.000	0.000	0.200	0.003	ECHANA,	The same		

<sup>~:</sup> Volume Exceeds Capacity; \$: Delay Exceeds 300 Seconds; Error: Computation Not Defined

Intersection Delay, s/veh	2.5											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	22	5	4	22	0	21	1	205	34	10	127	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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	0									0		
Veh in Median Storage, #		0			0	-	-	0	-	-	0	
Grade, %		0		7	0			0			0	
Peak Hour Factor	69	63	33	69	25	58	25	75	77	83	68	7
Heavy Vehicles, %	11	13	0	11	0	3	50	5	2	17	6	SPE
Mvmt Flow	32	8	12	32	0	36	4	273	44	12	187	24
Major/Minor	Minor2			Minor1		Mark Ra	Major1			Major2		
Conflicting Flow All	533	536	187	524	514	295	187	0	0	317	0	
Stage 1	211	211	107	303	303	293	A STATE OF THE PARTY OF THE PAR	-				
Stage 2	322	325	OF VIEW	221	211	CONTRACTOR OF	en COM		FIGATORY	MITTENED	THE PER	
Follow-up Headway	3.599	4.117	3.3	3.599	4	3.327	2.65		CHILDANG.	2.353	- Section	
Pot Capacity-1 Maneuver	444	436	860	450	467	742	1145		SEED OF	1163		
Stage 1	771	708	-	687	667	142	1143	100-100-100-1		1100	CHARLES AS A SECOND	
Stage 2	671	630		761	731		202025-7	MATERIAL PROPERTY.		Page 1989	Te la	
Time blocked-Platoon, %	0/1	030		701	101	U/MARION.		MANAGE STATE	Sign County Street	and will had		
Mov Capacity-1 Maneuver	418	430	860	433	460	742	1145	MACHINE !	NEW OF	1163	CONTRACTOR	
Mov Capacity-1 Maneuver	418	430	-	433	460	142	1145	Mark Comment	ALEROS VALO	1103	Children Control	
Stage 1	768	701		684	664	garantuni	e de l'entre de		and the same of th	SVESSAU.	DESCRIPTION	
Stage 2	636	627	2 10 19 12	734	723	CONTRACTOR.	Mark Million 2	PRICE SAN	TO LANGE	CHELLING !	un conta	
Staye 2	030	021		134	123					EKUA		
Approach	EB			WB			NB			SB		
HCM Control Delay, s	13			12.4			0.1			0.4		
HCM LOS	В			В								
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR		
Capacity (veh/h)		1145			418	529	556	1163	98 915			
HCM Lane V/C Ratio		0.003	-	3 03 03 03 00 000	0.051	0.058	0.122	0.01	-			
HCM Control Delay (s)		8.155	0		14.1	12.2	12.4	8.128				
HCM Lane LOS		A	A		В	В	В	A				
HCM 95th %tile Q(veh)		0.011	STORE GAT	NAME OF TAXABLE	0.16	0.184	0.416	0.031	0000	X19 - 71 -		

Intersection Delay, s/veh	2.9											
				Tel.								
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	13	2	12	3	0	7	2	79	11	40	101	19
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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				THE PARTY NAMED IN			0			0		and the
Veh in Median Storage, #		0		-	0	-	-	0	-	-	0	
Grade, %		0	3385		0			0	E 10 52	THE STATE OF	0	WE SEE
Peak Hour Factor	54	50	60	25	25	88	25	86	46	77	68	59
Heavy Vehicles, %	71	0	12	0	0	0	40	10	0	0	4	78
Mymt Flow	24	4	20	12	0	8	8	92	24	52	149	32
ESTATE SAFERING	Sales (Kill		SASSE				2,74		333	NEW TO THE		
Major/Minor	Minor2			Minor1		2 10 3	Major1			Major2	retail n	STATE
Conflicting Flow All	393	401	165	401	405	104	181	0	0	116	0	(
Stage 1	269	269	-	120	120		-		-	-	-	
Stage 2	124	132	AND NOT	281	285			7250				
Follow-up Headway	4.139	4	3.408	3.5	4	3.3	2.56	-		2.2	-	
Pot Capacity-1 Maneuver	461	541	854	563	538	956	1195			1485	SPACE.	
Stage 1	608	690	-	889	800		-	-	-	-	-	
Stage 2	738	791		730	679							S. C.
Time blocked-Platoon, %								-	-		-	
Mov Capacity-1 Maneuver	443	519	854	529	516	956	1195			1485		WALTER S
Mov Capacity-2 Maneuver	443	519		529	516	-	-		-	-	-	
Stage 1	604	666		883	795			W 7 2		Wall State		APEN.
Stage 2	727	786		684	655	-	-	-	-	-	-	
Approach	EB			WB			NB			SB		
HCM Control Delay, s	12			10.8			0.5		VE ZOTOVA	1.7		1000000
HCM LOS	В			В								
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			
Capacity (veh/h)		1195		4	562	644	1485					
HCM Lane V/C Ratio		0.007	-	-	0.086	0.031	0.035					
HCM Control Delay (s)		8.033			12	10.8	7.512	No. of				
HCM Lane LOS		Α			В	В	Α					
HCM 95th %tile Q(veh)		0.02	His a series	APPENDED A	0.279	0.096	0.109	100 100				

Intersection Delay, s/veh	2.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	9	0	5	13	1	43	7	204	1	4	134	
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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		200	1991				0			0		
Veh in Median Storage, #		0	-	-	0	-		0		-	0	
Grade, %		0	3100		0			0		1	0	
Peak Hour Factor	75	25	63	65	25	83	35	75	25	50	70	38
Heavy Vehicles, %	28	0	8	0	0	0	0	6	0	0	4	50
Mymt Flow	12	0	8	20	4	52	20	272	4	8	191	8
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	553	527	195	529	529	274	199	0	0	276	0	(
Stage 1	211	211		314	314	-					-	
Stage 2	342	316	(6)	215	215	PLOSINE.	TO SEC.	117.	C PARK	SP DESCRIPTION		
Follow-up Headway	3.752	4	3.372	3.5	4	3.3	2.2		-	2.2	-	
Pot Capacity-1 Maneuver	406	459	831	463	458	770	1385			1299	5.0	
Stage 1	735	731	-	701	660	-					-	
Stage 2	622	659	STATE OF	792	729	T		W. Salar	7 7 7 7 7			
Time blocked-Platoon, %											-	
Mov Capacity-1 Maneuver	370	450	831	451	449	770	1385	FINE	1	1299	HOUSE EAST	
Mov Capacity-2 Maneuver	370	450	-	451	449		-	-		-	-	
Stage 1	724	726		691	650					- The . 1	100	
Stage 2	568	649		780	725		-				-	
Approach	EB			WB			NB			SB		
HCM Control Delay, s	12.9			11.5		ASSESSMENT OF THE PARTY OF THE	0.5			0.3		age of
HCM LOS	В			В								
Charles problem (a) the marginal					WILES.		10.35					
Minor Lane / Major Mymt		NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			
Capacity (veh/h)		1385			475	629	1299					
HCM Lane V/C Ratio		0.014	-	-	0.042	0.121	0.006	-	-			
HCM Control Delay (s)		7.637	200		12.9	11.5	7.789	70 - A - En				
HCM Lane LOS		Α			В	В	Α					
HCM 95th %tile Q(veh)		0.044	75		0.131	0.409	0.019		EU 8 197			

Intersection Delay, s/veh	2										GEAG VS	LITERS .
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	8	0	1	18	4	8	1	69	19	18	196	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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	0		THE STATE OF			72 Harris		2 7	UNITED	0	4	(
Veh in Median Storage, #		0			0		-	0			0	
Grade, %		0			0		192 3	0	The same		0	
Peak Hour Factor	40	92	25	75	50	100	25	77	79	56	71	63
Heavy Vehicles, %	21	25	0	6	20	0	0	29	6	11	14	(
Mvmt Flow	20	0	4	24	8	8	4	90	24	32	276	49
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	458	462	276	452	450	102	276	0	0	114	0	
Stage 1	340	340	2.0	110	110	102	210	-	-	-	U	
Stage 2	118	122		342	340		NORTH PARTY	THOR.	LOTT THE C	STATE OF THE PARTY.	tapase:	
Follow-up Headway	3.689	4.225	3.3	3.554	4.18	3.3	2.2	en in care of	- X DO GRADA	2.299		
Pot Capacity-1 Maneuver	482	464	768	511	479	959	1299	tora New	HAVE SHEET	1421	La great	
Stage 1	637	600	-	886	771	-	1200	M MACHINE	ALCO GARAGE	1721	MAN SHAD	ON THE REAL PROPERTY.
Stage 2	842	753	TO HER	665	608	CHECK!	Philosophia	X E CONT	ST INCOME	BUT THE	delines t	
Time blocked-Platoon, %		-		000	000			· Periodical				
Mov Capacity-1 Maneuver	463	452	768	498	467	959	1299	SENSON.	PARTY TO	1421	ATTENDED IN	
Mov Capacity-2 Maneuver	463	452	-	498	467	-	-		a anto see		nuncasa ya	
Stage 1	635	586		883	769		Complete Service	T-5 T-5	-15.5	BAR STATE	7000000	
Stage 2	824	751		647	594							W TOUGH
Approach	EB			WB			NB			SB		
HCM Control Delay, s	12.5			12.2		99513191	0.3			0.7		CONTRACTOR OF THE PARTY OF THE
HCM LOS	В			В			0.0			0.1		
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR		
Capacity (veh/h)		1299	1		463	544	543	1421				Vin a la
HCM Lane V/C Ratio		0.003	-		0.029	0.02	0.074	0.023				
HCM Control Delay (s)		7.78	0		13	11.8	12.2	7.592				
HCM Lane LOS		A	A		В	В	В	Α	CONTRACTOR OF THE PARTY OF THE	Called Section		
HCM 95th %tile Q(veh)		0.009	762E		0.089	0.06	0.238	0.069				
Notes		-							THE PARTY OF THE P		The state of the	

Intersection Delay, s/veh	2.5											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	22	5	4	22	0	21	1	209	35	10	130	17
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	Clop	Otop -	None	Otop -	-	None	1100	-	None	1100	-	None
Storage Length	0					110110	The same of the		-	0		(
Veh in Median Storage, #	-	0	-	-	0		and the second second	0		-	0	
Grade, %		0		-	0	C CAL		0	0.000		0	
Peak Hour Factor	69	63	33	69	25	58	25	75	77	83	68	7
Heavy Vehicles, %	11	13	0	11	0	3	50	5	2	17	6	
Mymt Flow	32	8	12	32	0	36	4	279	45	12	191	24
PRESENTATION	) L			32		30		213			131	2.
Major/Minor	Minor2			Minor1	V5 45 30		Major1			Major2	N. S. Tr.	
Conflicting Flow All	542	547	191	534	524	301	191	0	0	324	0	(
Stage 1	215	215		309	309	-	•	-	-		-	
Stage 2	327	332	749 Tel	225	215			1			ME IVE	
Follow-up Headway	3.599	4.117	3.3	3.599	4	3.327	2.65		-	2.353	_	active of
Pot Capacity-1 Maneuver	438	430	856	443	461	736	1141		OF THE PERSON	1156	usil .	
Stage 1	767	705	-	682	663	-	•		-		-	
Stage 2	667	625	REID W	758	729	- 4	N. VAN					
Time blocked-Platoon, %											-	
Mov Capacity-1 Maneuver	412	424	856	426	454	736	1141			1156		
Mov Capacity-2 Maneuver	412	424	-	426	454		-				-	
Stage 1	764	698		679	660			-	Sales S	And the	e 3" -	
Stage 2	632	623	-	731	721	-	-	-	-	-	-	
Approach	EB			WB	100	EVEN.	NB			SB		
HCM Control Delay, s	13.1			12.5			0.1			0.4		
HCM LOS	В			В								
		NDI	NOT	NOD	ED) -4	CDI -0	WDI -4	001	ODT	000	MANAGER OF	
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR		
Capacity (veh/h)		1141	-		412	523	549	1156	22-1-5	-		
HCM Lane V/C Ratio		0.004			0.052	0.059	0.124	0.01				
HCM Control Delay (s)		8.166	0		14.2	12.3	12.5	8.147	1.00			
HCM Lane LOS		A	Α		В	В	В	Α				
HCM 95th %tile Q(veh)		0.011	The second		0.163	0.186	0.422	0.032				

Intersection Delay, s/veh	2.2											LITERAL NA
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol. veh/h	9	0	5	13	1	44	7	208	1	4	137	ODI
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	- Clop	Otop	None	-	-	None	-	1100	None
Storage Length	a same	EW VA			7.6302	110110	0		THORIC	0	25395	NOTE
Veh in Median Storage, #		0	-	-	0	-	-	0	-		0	
Grade, %	AVERS!	0			0	479 42		0		No.	0	PORTAL.
Peak Hour Factor	75	25	63	65	25	83	35	75	25	50	70	38
Heavy Vehicles, %	28	0	8	0	0	0	0	6	0	0	4	50
Mvmt Flow	12	0	8	20	4	53	20	277	4	8	196	8
Mathematica	Marco	117,504		Manual								
Major/Minor	Minor2	507	000	Minor1	500	0.70	Major1		2010100	Major2		
Conflicting Flow All	564	537	200	539	539	279	204	0	0	281	0	(
Stage 1	216	216	-	319	319	en e	es en en cham	-		CHARLES SAME AND A	-	
Stage 2	348	321	2 270	220	220	-	-			-		
Follow-up Headway	3.752	4	3.372	3.5	4	3.3	2.2	OFFICE MENT		2.2		
Pot Capacity-1 Maneuver	399	453	826	456	452	765	1380		CONTRACTOR OF STREET	1293	719	
Stage 1	731 617	728 655		697	657	APPARE DWG	tersiologists	AMOUNTAIN	TO THE RESIDENCE			
Stage 2 Time blocked-Platoon, %	017	000	N WORLD	787	725				-			15.5
Mov Capacity-1 Maneuver	363	444	826	445	443	765	1380		and department	1000	Capetra 9	None year
Mov Capacity-2 Maneuver	363	444	020	445	443	/00			-	1293	1	
Stage 1	720	723		687	647	MITTER ST		Seance.		TOTAL SECTO		
Stage 2	562	646		775	721	New Alles			Sala Vale			ALL Y
Stage 2	302	040		115	121					ESS.		
Approach	EB			WB			NB			SB		
HCM Control Delay, s	13.1			11.6			0.5			0.3	37.7	
HCM LOS	В			В								
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			
Capacity (veh/h)		1380			467	625	1293				7	
HCM Lane V/C Ratio		0.014			0.043	0.123	0.006	-				
HCM Control Delay (s)		7.647	100		13.1	11.6	7.802	THE VAN				
HCM Lane LOS		Α			В	В	A					
HCM 95th %tile Q(veh)		0.044			0.133	0.419	0.019					
Notes	THE A		120000	Office All	No. of Contract	San Sales		ANY CHIZAG	Sec. 3.19	000000000000000000000000000000000000000		

Intersection Delay, s/veh	2.9											
	ED	CDT	EDD	WDI	MOT	WOD	NO	NOT	NDD	CDI	00T	001
Movement Vol, veh/h	EBL 13	EBT 2	EBR 12	WBL 3	WBT 0	WBR 7	NBL 2	NBT 81	NBR 11	SBL 41	103	SBF
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0		The second second	19
Sign Control		Stop							Free	0	0	(
RT Channelized	Stop	Stop -	Stop	Stop	Stop	Stop	Free	Free	None	Free	Free	Free
Storage Length	7 7 9 7	100	1203218			400000	0			0	TO SEV	Made
Veh in Median Storage, #		0	-	-	0		-	0	-	-	0	=192333
Grade, %	(DATE OF STREET	0	7. 5	VI COM	0		T	0	THE VEN	100	0	
Peak Hour Factor	54	50	60	25	25	88	25	86	46	77	68	59
Heavy Vehicles, %	71	0	12	0	0	0	40	10	0	0	4	78
Mymt Flow	24	4	20	12	0	8	8	94	24	53	151	32
PHILIP STATES				TO THE						Mile.		MIL
Major/Minor	Minor2	Section		Minor1			Major1			Major2		
Conflicting Flow All	400	408	168	408	412	106	184	0	0	118	0	(
Stage 1	274	274	-	122	122	-				-	-	3
Stage 2	126	134	A STATE	286	290			E CY	1		A	ENEL:
Follow-up Headway	4.139	4	3.408	3.5	4	3.3	2.56		-	2.2	-	
Pot Capacity-1 Maneuver	456	536	851	557	533	954	1192			1483		
Stage 1	604	687	-	887	799		-		-			-
Stage 2	736	789	-	726	676			THE STATE OF	an Ast	100		Mate
Time blocked-Platoon, %											-	
Mov Capacity-1 Maneuver	438	513	851	523	511	954	1192			1483		
Mov Capacity-2 Maneuver	438	513	-	523	511	-		-	-			- 0
Stage 1	600	662		881	794			- NO. 15				
Stage 2	725	784	1000000	679	652		STEER OF THE		-	- strongers		MONTH CO.
Value of the second second second	ED			WD			NO			00		
Approach	EB		S. Christal March	WB			NB			SB		
HCM Control Delay, s	12.1			10.8			0.5			1.7		
HCM LOS	В			В								
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR	A CONTRACTOR		
Capacity (veh/h)		1192			557	638	1483					
HCM Lane V/C Ratio		0.007	as rivers the	tel a month	0.086	0.031	0.036	-				
HCM Control Delay (s)		8.041	ne par		12.1	10.8	7.518					
HCM Lane LOS		A	A Thomas and	The state of the s	В	В	7.516 A	CONTRACTOR OF THE PARTY OF THE				
HCM 95th %tile Q(veh)		0.02	and the same	200	0.282	0.097	0.112	W. Later and M.				

Intersection Delay, s/veh	2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	8	0	1	19	4	8	1	71	20	18	198	31
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	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	0	THE STATE OF				WE SE	1707	-17	117954	0		0
Veh in Median Storage, #	-	0			0		-	0			0	
Grade, %	70000	0	CFETTE:		0		And the second	0			0	ECCAMI.
Peak Hour Factor	40	92	25	75	50	100	25	77	79	56	71	63
Heavy Vehicles, %	21	25	0	6	20	0	0	29	6	11	14	0
Mvmt Flow	20	0	4	25	8	8	4	92	25	32	279	49
Major/Minor	Minor2		BUNGER I	Minor1			Major1			Major2		
Conflicting Flow All	464	469	279	458	456	105	279	0	0	118	0	0
Stage 1	343	343	-	113	113	100	210	-	-	- 110	-	
Stage 2	121	126	unite suita	345	343		CONTRACTOR SALE		USSET TANK	NEW YORK	977454	THE PARTY OF
Follow-up Headway	3.689	4.225	3.3	3.554	4.18	3.3	2.2		-	2.299	maxes c	
Pot Capacity-1 Maneuver	478	460	765	506	475	955	1295			1416		SOLE WATER
Stage 1	634	598	-	882	768	-	-	2,7(0) (n) (h) (h)	HARREST NATIONAL	1410	MANUAL PROPERTY.	TO NEW YORK
Stage 2	839	750		662	607		STATE OF THE PARTY OF		TO THE	1976 mg/	OF META	25000
Time blocked-Platoon, %	000	, , ,		002	001			-	AND THE PERSON NAMED IN	HOUSE HAVE	MEASONS.	CRESCO CANA
Mov Capacity-1 Maneuver	459	448	765	494	463	955	1295	A SECTION AND ADDRESS OF THE PARTY OF THE PA	Water Commen	1416	Series To	DE TOY DE
Mov Capacity-2 Maneuver	459	448	-	494	463	-	-	-		1110	-	292421
Stage 1	632	584	£ 1077747	879	766	C C FEE	N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	200 345	and the	7550 et		No.
Stage 2	821	748	TOTAL STATE	644	593	-		St. St. Communication of the last	and the case of	170.04500000		Serger vice
Laday Land		, 10			000							
Approach	EB	325 <u>1</u> 3		WB			NB			SB		
HCM Control Delay, s	12.5			12.3			0.3			0.7		I STATE OF
HCM LOS	В			В								
Minor Lane / Major Mymt		NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR		
Capacity (veh/h)		1295	Mars es		459	540	537	1416	resta 4			
HCM Lane V/C Ratio		0.003	Technicol Michigan	-	0.029	0.02	0.077	0.023	-			
HCM Control Delay (s)		7.789	0	A STATE OF	13.1	11.8	12.3	7.601	MINTER.	O GENERAL		
HCM Lane LOS		A	A		В	В	В	Α			CATALOG BE	
HCM 95th %tile Q(veh)		0.009	Christ No.	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	0.09	0.06	0.249	0.07				

~: Volume Exceeds Capacity; \$ : Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection				al state	and the second					Ebox		
Intersection Delay, s/veh	2.5	900000000000000000000000000000000000000		matery blace	- The state of the	and the same	Property Control		W. other layer	n caption days	HARTS WALLS	
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	22	5	4	23	0	21	1	214	35	10	135	17
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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	0	E STAN	DESTRUCTION OF		100	S MINTER	S. STATE OF	ALTO TAKE		0		(
Veh in Median Storage, #		0	-		0	-	-	0	-		0	Dec apreside
Grade, %	CHARLES!	0	Marie 1		0		157,0961	0	STATE OF	Section 2	0	PER SOLE
Peak Hour Factor	69	63	33	69	25	58	25	75	77	83	68	71
Heavy Vehicles, %	11	13	0	11	0	3	50	5	2	17	6	
Mymt Flow	32	8	12	33	0	36	4	285	45	12	199	24
			erani.				nige:	ECHE !		THE REAL PROPERTY.	100	
Major/Minor	Minor2		( 3 mm)	Minor1			Major1			Major2		
Conflicting Flow All	557	562	199	549	539	308	199	0	0	331	0	(
Stage 1	223	223	-	316	316	-	-					
Stage 2	334	339	PATTLEY.	233	223	MIE N		Haus.	DOMES !	THE REAL PROPERTY.	HERE	27.00%
Follow-up Headway	3.599	4.117	3.3	3.599	4	3.327	2.65	_		2.353		
Pot Capacity-1 Maneuver	428	421	847	433	452	730	1133		15.00	1149	TO THE P	
Stage 1	760	699	-	676	659							
Stage 2	661	621	W. Tall	750	723		17 H		76.75	trost tell	Tel Dillo	
Time blocked-Platoon, %									-		-	
Mov Capacity-1 Maneuver	402	415	847	416	445	730	1133			1149	SOUTH NO	
Mov Capacity-2 Maneuver	402	415	-	416	445	•		•	-			1000
Stage 1	757	692	1570 :	673	656						13 2 23 4	Z Tit
Stage 2	626	619	-	723	715	-	-			-		
				W.D.							E STORAGE	343.2
Approach	EB			WB			NB			SB		
HCM Control Delay, s	13.3			12.7			0.1			0.4		
HCM LOS	В			В								
Minor Lane / Major Mymt		NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR		
Capacity (veh/h)	THE STATE OF	1133	BUCKE		402	513	536	1149				-
HCM Lane V/C Ratio		0.004		-	0.053	0.06	0.13	0.01		THE PERSON NAMED IN		
HCM Control Delay (s)		8.189	0		14.5	12.5	12.7	8.166	T. 33.515			
HCM Lane LOS		Α	A	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	В	B	В	Α	1 - paris (5 ) 10 mis	To the late of		
HCM 95th %tile Q(veh)		0.011			0.167	0.19	0.444	0.032		STORE ST		
TOTAL COURT POLICE CELEVITY		0.0.11		A STATE OF THE PARTY OF	0.101	0.10	V.777	0.002	THE PARTY OF THE PARTY.	British China		

Intersection Delay, s/veh	0.3											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	3	0	3	0	0	0	3	99	0	0	210	
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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	0		0	0 10			PER P			DIE.		
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, %	0	0	0	0	0	0	2	2	2	2	2	
Mvmt Flow	3	0	3	0	0	0	3	108	0	0	228	
		Charles in	Maria I							1,613,62	Sec. 10	
Major/Minor	Minor2		ALEST C				Major1			Major2		
Conflicting Flow All	344	344	230				232	0	0	108	0	(
Stage 1	230	230	-				•	-	-	•	-	
Stage 2	114	114										
Follow-up Headway	3.5	4	3.3				2.218	-	-	2.218	-	
Pot Capacity-1 Maneuver	657	582	814				1336		The sale	1483	RESE	
Stage 1	813	718	-					-	-	-		
Stage 2	916	805						1226				
Time blocked-Platoon, %								-	-		-	
Mov Capacity-1 Maneuver	656	0	814				1336			1483		
Mov Capacity-2 Maneuver	656	0	-				-	-	-	-	-	
Stage 1	813	0										
Stage 2	914	0	-				_			-		
			Lagra									
Approach	EB						NB			SB		
HCM Control Delay, s	10						0.2			0		
HCM LOS	В											
Minor Lane / Major Mvmt		NBL	NBT	NBR	EBLn1	EBLn2	SBL	SBT	SBR			
Capacity (veh/h)	The same of the sa	1336	9 8125	NOIN	656	814	1483	CDI	CDIX			
HCM Lane V/C Ratio		0.002			0.005	0.004	1403	NS P.S.	or to the last			
HCM Control Delay (s)		7.701	0	14,85.20	10.5	9.4	0		- Total			
HCM Lane LOS		Α	A	3/12/20	В	9.4 A	A	E WHEN THE	Total District			
HCM 95th %tile Q(veh)		0.007	^	Classical Control	0.015	0.012	0	No Mary	n calle			
Tom Jour Maio a(1011)		0.001	THE PURPOS	CALL DI MICH	0.010	0.012	0	Service W	ALC: NO.			

Intersection Delay, s/veh	0.3											
	F01	FRT	FAR	14/01	WOT			NOT	Non	251		Marina -
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	6	0	5	0	0	0	5	256	0	0	153	•
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	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	0		0	1			•					
Veh in Median Storage, #	-	0	-	-	0	-	-	0	•	•	0	3/
Grade, %		0		200	0		10	0			0	LANGE S
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	2	2	2	2	2	2	2	2	2
Mvmt Flow	7	0	5	0	0	0	5	278	0	0	166	7
Major/Minor	Minor2						Major1	5.0		Major2		
Conflicting Flow All	459	459	170				173	0	0	278	0	(
Stage 1	170	170	-				-	-		-	-	
Stage 2	289	289	MA				MERRA		FIELDS.	DESTRUCTION OF THE PARTY OF THE	SHATE OF	TERM I
Follow-up Headway	3.5	4	3.3				2.218	-		2.218	•	
Pot Capacity-1 Maneuver	564	502	879				1404	-		1285		NAME OF
Stage 1	865	762	-				-	Training I		1200		
Stage 2	765	677	CONTRACTOR OF THE PARTY OF THE				SULTEN	nere to	77.55	100000		
Time blocked-Platoon, %	100	0						-			-	96124
Mov Capacity-1 Maneuver	562	0	879				1404		Sin Paris	1285		
Mov Capacity-2 Maneuver	562	0	-				-	MANUAL TO MANUAL TO A STATE OF THE STATE OF		1200	OK OBJECT	
Stage 1	865	0					No. of Lot			and the same		CHECK IS
Stage 2	762	0	-					NOTICE AND PERSON	HO YACISH		Metachine.	
Olago 2	102	decide.						EU.			Karin,	
Approach	EB						NB			SB	advision	
HCM Control Delay, s	10.4						0.1			0		
HCM LOS	В											
Minor Lane / Major Mvmt	Q y T	NBL	NBT	NBR	EBLn1	EBLn2	SBL	SBT	SBR	t Steph	atte v	
Capacity (veh/h)		1404			562	879	1285		V. (70)	C. SILST		T HE
HCM Lane V/C Ratio		0.004	-		0.012	0.006						
HCM Control Delay (s)		7.574	0			9.1	0					
HCM Lane LOS		A	A		В	A	A					
HCM 95th %tile Q(veh)		0.012		TENTE I	0.035	0.019	0	Strike:	SIEST			

~: Volume Exceeds Capacity; \$: Delay Exceeds 300 Seconds; Error: Computation Not Defined

Intersection Delay, s/veh	2.9											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Vol, veh/h	13	2	12	3	0	7	2	84	11	41	106	19
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	•1	- upraeses	None	-	-	None
Storage Length			METHER.	45.		William .	0			0		
Veh in Median Storage, #		0	-	-	0		-	0	-	-	0	
Grade, %		0			0		771.77	0	1.7 (2.7	TELEST.	0	
Peak Hour Factor	54	50	60	25	25	88	25	86	46	77	68	59
Heavy Vehicles, %	71	0	12	0	0	0	40	10	0	0	4	78
Mvmt Flow	24	4	20	12	0	8	8	98	24	53	156	32
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	408	416	172	416	421	110	188	0	0	122	0	(
Stage 1	278	278	- 1/2	126	126	- 110	-	-	-	122	U	
Stage 2	130	138	THE REAL PROPERTY.	290	295	NEW TOWN	Martin Co.	ETHERS	1621567	enterna	Hymalic Hymalic	MANNAM
Follow-up Headway	4.139	4	3.408	3.5	4	3.3	2.56		100000	2.2	STATE OF	
Pot Capacity-1 Maneuver	450	530	846	551	527	949	1188	DE PER	THE STATE	1478	E Province	
Stage 1	601	684	-	883	796	343	-	E-ME-LOVERS	THE PERSON	1470	-	
Stage 2	732	786		722	673	MANUAL PROPERTY.	A PARTIE OF	MET CANADA	THE WAY	TO STATE OF THE PARTY.		
Time blocked-Platoon, %	102	100		122	010			PLEASE N	-		MOUNT AZ	
Mov Capacity-1 Maneuver	432	508	846	517	505	949	1188	PART NO.	101.57.245	1478	STATE OF	
Mov Capacity-2 Maneuver	432	508	-	517	505	-	-		LOWELFOR SI	-	The same of the sa	
Stage 1	597	659		877	791	Section 1	Granding 7			RE differen		
Stage 2	721	781	-	676	649		•	-			-	Manager :
Approach	EB			WB			NB			00		
				And in case of the last						SB		
HCM Control Delay, s	12.2			10.9			0.5			1.7		
HCM LOS	В			В								
Minor Lane / Major Mymt		NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			- 100
Capacity (veh/h)		1188		1 a.g.	551	632	1478			E E PARE		
HCM Lane V/C Ratio		0.007			0.087	0.032	0.036	-	-			
HCM Control Delay (s)		8.051		4	12.2	10.9	7.527					
HCM Lane LOS		Α			В	В	Α					
HCM 95th %tile Q(veh)		0.02		7000	0.285	0.098	0.112					
Notes	200 - 100	mber wit		44.000			KAR-MINA	de la company		(Charles and Charles	TO THE STREET	15 625

Intersection Delay, s/veh	2.2											
Mayamad	EBL	EBT	EDD	WBL	WBT	WBR	NDI	NBT	NBR	ODI	ODT	CDI
Movement Vol, veh/h	9	0	EBR 5	13	1	43	NBL 7	213	NDR 1	SBL 4	SBT 142	SBF
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	- Otop	- Otop	None	-	-	None	-	-	None	-	-	None
Storage Length		1					0			0		
Veh in Median Storage, #		0	-	-	0	-	-	0	-	-	0	110
Grade, %		0	300		0	1		0	-		0	
Peak Hour Factor	75	25	63	65	25	83	35	75	25	50	70	38
Heavy Vehicles, %	28	0	8	0	0	0	0	6	0	0	4	50
Mvmt Flow	12	0	8	20	4	52	20	284	4	8	203	8
Major/Minor	Minor2			Minor1	MAN TO SERVICE AND ADDRESS OF THE PARTY OF T		Major1	ERON		Major2		
Conflicting Flow All	577	551	207	553	553	286	211	0	0	288	0	
Stage 1	223	223	207	326	326	200	- 211	-	-	200	-	(
Stage 2	354	328	MANUFACTURE AND ADDRESS.	227	227	grotestas		SECTION.	o carrague	79 SW 1		-
Follow-up Headway	3.752	4	3.372	3.5	4	3.3	2.2	The case of	TI IS OF THE PERSON NAMED IN	2.2	SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF T	Bret In-
Pot Capacity-1 Maneuver	391	445	818	447	444	758	1372			1286	Direction of the last of the l	ACTION AND ADDRESS OF THE PARTY
Stage 1	724	723	010	691	652	100	13/2			1200		Marin S
Stage 2	613	651	Charles in Line Sci	780	720		E BUILDING		51989	<b>E</b> ASTROPEN	MARKET AND	and the state of
Time blocked-Platoon, %	013	001	9. 760 / <del>9</del> 12	700	120			ASK Char		ASSESS ALL	Company of the	KRAT
Mov Capacity-1 Maneuver	356	436	818	436	435	758	1372			1286		
Mov Capacity-2 Maneuver	356	436	010	436	435	130	13/2		THE PARTY OF	1200	18	Date
Stage 1	713	719		681	642	AND THURS	STATE AND LINES.	50 HE LEE	CREATE BET	THE PARTY OF	AUTO AND SALES	Medical and
	559	642	DEGRACA	768	716				A STATE OF		11000	- A
Stage 2	559	042		700	710	364507		SETTO			ena:	
Approach	EB			WB	71.545		NB			SB		
HCM Control Delay, s	13.2			11.7			0.5			0.3	NEW TO	
HCM LOS	В			В						I followers and		
Minor Lane / Major Mymt	MODEL COST	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR			
Capacity (veh/h)		1372		INDIA	459	614	1286	001	COIN		All Parks	
HCM Lane V/C Ratio		0.015			0.043	0.123	0.006		1 11 11 11 11 11			
HCM Control Delay (s)		7.663	Maria de	acon.	13.2	11.7	7.817		·			
HCM Lane LOS					13.2 B	THE RESERVE OF THE PARTY OF THE	************		- 10 A			
HCM 95th %tile Q(veh)		A 0.044			0.136	0.42	0.019	WWW.ne-en				