

David Deka
The Estate Companies
6201 SW 70th Street
South Miami, FL 33143

Re: Soleste Hollywood – Circulation Analysis
Folio Numbers: 5142-15-01-1570 /-1580/-1490/-1500

Dear David,

JFO Group Inc. has been retained to prepare a circulation analysis in connection with an application for Site Plan approval for Soleste Hollywood. Soleste Hollywood will replace an existing 39,631 SF retail/office building, a 3-lane drive-in bank, and a 5,751 SF nightclub with 350 Apartments and 28,338 SF of Commercial development on the subject site. Exhibit 1 includes an overall site plan for the project. Figure 1 shows the project location in the context of the transportation network. Exhibit 2 includes a circulation sketch on how the project traffic is expected to circulate around the site.

Project will have five (5) internally interconnected driveways. Three (3) existing driveways are proposed to be closed: two (2) on Tyler Street and one (1) on NW 21st Avenue. One (1) new driveway is being proposed on NW 21st Avenue. Exhibit 3 shows a diagram with the proposed driveway configuration.

Turning movement counts were collected at the four (4) signalized intersections surrounding the project. Exhibit 4 includes a summary of the field data collection corrected for Peak Season using Peak Seasonal Factors from F-DOT.

Project trip generation rates were based on the 10th Edition of the Institute of Transportation Engineers Trip Generation Manual. The net Daily and peak hour trips, without taking credit for vested uses on site or internal capture, will be 1,917 and 160 trips, respectively. Exhibit 5 includes a trip generation analysis for the proposed project.

Exhibit 6 includes Critical Movement Analyses (CMA) at the four (4) analyzed intersections. CMAs show that all intersections are operating at an acceptable Level of Service and will operate at an acceptable level of service at project buildout. Table 1 summarizes the results of the analyses for existing conditions, and, future conditions with and without project. As shown in Table 1, the new circulation pattern created by the project will not adversely impact traffic operations and circulation in the area.



Figure 1 : Project Location

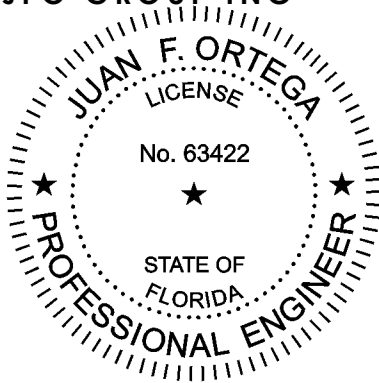
Table 1: CMA Summary

	Existing Conditions		Buildout W/O Project		Buildout W/ Project	
	AM	PM	AM	PM	AM	PM
Tyler St & N 21st Ave	428	512	440	527	460	542
Tyler St & N 20th Ave	430	429	445	444	469	515
Hollywood Blvd & N 20th Ave	478	663	494	683	501	694
Hollywood Blvd & N 21 st Ave	753	838	776	864	794	929

The Soleste Hollywood project is proposing to close three (3) existing driveways and to add one (1) driveway while internally connecting all proposed driveways. These modifications will have a positive impact to the existing circulation patterns in the area. Any potential adverse impact to the transportation network is mitigated by the interconnectivity of the proposed driveways, and, the subject site being surrounded by four (4) signalized intersections operating under actuated signal plans. Consequently, given the CMA results and the existing technology on the surrounding traffic signals, it is very likely that all four (4) intersections will operate at Level of Service 'D' or better at project buildout. Furthermore, the additional traffic being generated by Soleste Hollywood will most likely have no impact to the City's plans for roadway diets in the immediate project vicinity.

Sincerely,

JFO GROUP INC



Enclosures:

- Exhibit 1: Overall Site Plan
- Exhibit 2: Project Circulation
- Exhibit 3: Driveway Modifications
- Exhibit 4: 2019 Peak Hour Traffic
- Exhibit 5: Trip Generation
- Exhibit 6: Critical Movement Analyses

GENERAL NOTES:

1. SEE ENLARGED PLANS FOR FURTHER DIMS AND NOTES.
2. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM PUBLIC VIEW.
3. ALL SIGNAGE UNDER SEPARATE PERMIT AND WILL MEET ZONING AND LAND DEVELOPMENT REGULATIONS.
4. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM PUBLIC VIEW.
5. SEE CIVIL DRAWINGS FOR ON-STREET PARKING AND PAVING INFORMATION.
6. SEE LANDSCAPE DRAWINGS FOR SIDEWALK AND PLANTING INFORMATION.
7. ALL BUILDING WILL COMPLY WITH NFPA 1, 11.10 TO MEET THE MINIMUM TW-WAY RADIO COMMUNICATION SIGNAL REQUIREMENTS.
8. ALL SIGNAGE SHALL COMPLY WITH ZONING AND LAND DEVELOPMENT REGULATIONS.

SITE LIGHTING NOTE:

1. SITE LIGHTING LEVELS SHALL NOT EXCEED 0.5 FC AT THE PROPERTY LINE ADJACENT TO RESIDENTIALLY ZONED OR RESIDENTIALLY USED AREA. EXTERNAL LIGHTS TO BE SHIELDED TO PREVENT LIGHT POLLUTION TO ADJACENT SITES AND UP INTO THE NIGHT SKY.
2. TURTLE LIGHTING ORDINANCE – N/A
3. THE MAXIMUM FOOT-CANDLE LEVEL AT ALL PROPERTY LINES (MAXIMUM 0.5 IF ADJACENT TO RESIDENTIAL)

GREEN BUILDING PRACTICES:

1. PROJECT TO ACHIEVE LEED CERTIFICATION OR GREEN GLOBE CERTIFICATION DOCUMENTATION WILL BE PROVIDED AT TIME OF BUILDING PERMIT.
2. ENERGY EFFICIENT LOW E WINDOW
3. DOORS: INSULATED AND FIRE RATED
4. PROGRAMABLE THERMOSTATS.
5. ENERGY STAR APPLIANCES.
6. MERV 8 A/C FILTERS ON ALL A/C UNITS.
7. DUAL FLUSH TOILETS
8. 80% PLANT MATERIAL NATIVE.
9. ALL ENERGY EFFICIENT OUTDOOR LIGHTING.
10. ALL HOT WATER PIPE INSULATED.
11. ONE LOW FLOW SHOWERHEAD
12. BICYCLE ROOM STORAGE AND RESTROOM/CHANGING ROOM.
13. DEDICATED RECYCLING ROOM.
14. ELECTRIC VEHICLE CHARGING STATION
15. ROOFING MATERIAL IS ENERGY STAR (COOL ROOF).

ELECTRIC VEHICULE CHARGING STATION:

1. IN COMPLIANCE WITH CITY ORDINANCES, ELECTRIC VEHICLE CHARGING STATION INFRASTRUCTURE IS PROVIDED AT BOTH GARAGES OF EAST TOWER AND SOUTH/WEST TOWER.
2. MINIMALLY THE FOLLOWING SHALL BE INSTALLED:
EMPTY 3" RACEWAY FROM BRANCH CIRCUIT PANEL BOARD TO A LOCATION IN THE GARAGE OR PARKING AREA, WITH TWO GANG JUNCTION BOX WITH A BLANK PLATE OR FULLY FUNCTIONAL ELECTRIC VEHICLE CHARGING STATION MAY BE INSTALLED.
3. SEE SHEET A1.02

LEGAL DESCRIPTION

PARCEL 1:

LOTS 14, 15, 16, 17, 18, 23, 24, 26, LESS THE EAST 8 FEET THEREOF, AND LOTS 27, 28, 29, 30 AND 31, BLOCK 9, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, TOGETHER WITH A PORTION OF THE VACATED VALLEY SITUATED BETWEEN LOTS 14 THROUGH 22, AND LOTS 23 THROUGH 31, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF SAID LOT 31, BLOCK 9; THENCE EASTERLY ALONG THE NORTH LINE OF SAID BLOCK 9, A DISTANCE OF 142.00 FEET TO A POINT LOCATED ALONG THE NORTHERN BOUNDARY LINE OF LOT 26 AND BEING 8 FEET WEST OF THE NORTHWEST CORNER OF LOT 25; THENCE LEAVING THE NORTH LINE OF SAID BLOCK 9 AND RUNNING PARALLEL TO AND 8 FEET TO THE WEST OF SAID WEST LINE OF LOT 25, BLOCK 9 (SAID LINE BEING THE WESTERN BOUNDARY LINE OF THE PROPERTY NOW OR FORMERLY OWNED BY RALPH W. ZIMMERMAN) RUN IN A SOUTHERLY DIRECTION A DISTANCE OF 121 FEET TO A POINT; THENCE, CONTINUING ALONG THE BOUNDARY LINE OF SAID LAND NOW OR FORMERLY OWNED BY RALPH W. ZIMMERMAN, RUN THE FOLLOWING 2 COURSES AND DISTANCES: WITH AN INCLUDED ANGLE TO THE RIGHT OF 90°00'00", RUN EASTERLY A DISTANCE OF 33 FEET TO A POINT; THENCE WITH AN INCLUDED ANGLE TO THE RIGHT OF 90°00'00", RUN NORTHERLY A DISTANCE OF 121 FEET TO A POINT SAID POINT BEING ALONG THE NORTH LINE OF SAID BLOCK 9; THENCE LEAVING THE LANDS NOW OR FORMERLY OWNED BY RALPH W. ZIMMERMAN AND CONTINUING ALONG THE NORTH LINE OF BLOCK 9 RUN IN AN EASTERLY DIRECTION A DISTANCE OF 60.39 FEET TO A POINT; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 89°17'08", RUN SOUTHERLY ALONG THE EAST LINE OF SAID BLOCK 9, A DISTANCE OF 134.01 FEET TO THE NORTHEAST CORNER OF LOT 22; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°40'52", RUN WESTERLY ALONG THE NORTH LINE OF LOTS 19 THROUGH 22, BLOCK 9, A DISTANCE OF 108.88 FEET TO THE NORTHWEST CORNER OF SAID LOT 19; THENCE WITH AN INCLUDED ANGLE TO THE RIGHT OF 90°00'00", RUN SOUTHERLY ALONG THE WEST LINE OF SAID LOT 19, A DISTANCE OF 134.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT 19; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°00'00", RUN WESTERLY ALONG THE SOUTH LINE OF SAID LOTS 14 THROUGH 18, A DISTANCE OF 125.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT 14; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°00'00", RUN NORTHERLY ALONG THE WEST LINE OF SAID LOTS 14 AND 31, A DISTANCE OF 255.00 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH:

LOT 25 AND THE EAST 8 FEET OF LOT 26, BLOCK 9, OF HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SAID LOT 38, BLOCK 9; THENCE EASTERLY ALONG THE NORTH LINE OF SAID BLOCK 9, A DISTANCE OF 317.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG THE AFOREMENTIONED COURSE, A DISTANCE OF 33.00 FEET; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°, RUN SOUTHERLY A DISTANCE OF 121.00 FEET; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°, RUN WESTERLY A DISTANCE OF 33.00 FEET; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°, RUN NORTHERLY A DISTANCE OF 121.00 FEET TO THE POINT OF BEGINNING.

PARCEL 2:

LOTS 19, 20, 21, 22, 32, 33, 34, 35, 36, 37 AND 38, BLOCK 9, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, TOGETHER WITH A PORTION OF THE VACATED VALLEY SITUATED BETWEEN LOTS 14 THROUGH 22, AND LOTS 23 THROUGH 31, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

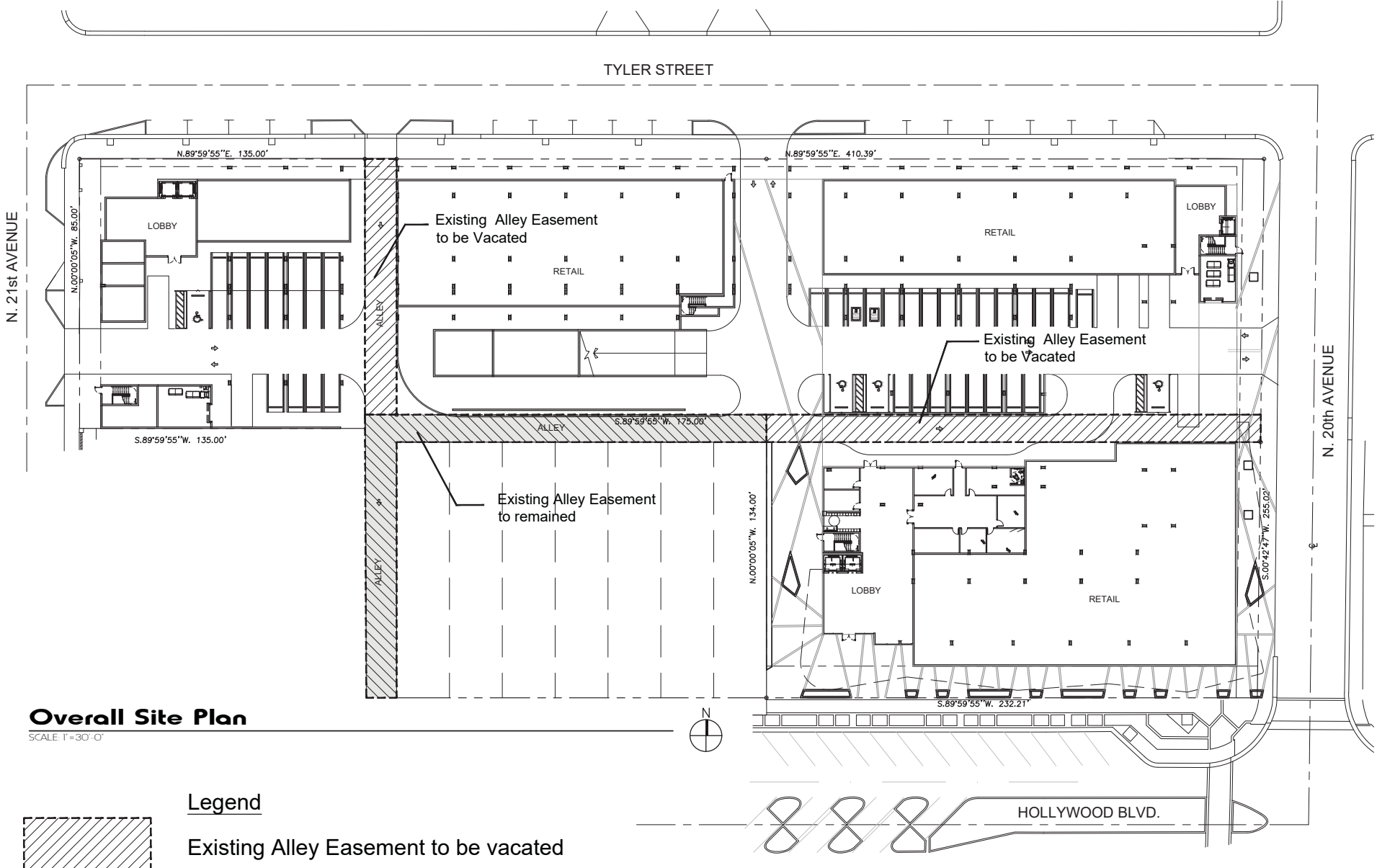
BEGIN AT THE NORTHWEST CORNER OF SAID LOT 38, BLOCK 9; THENCE EASTERLY ALONG THE NORTH LINE OF SAID BLOCK 9, A DISTANCE OF 317.00 FEET TO A POINT LOCATED ALONG THE NORTHERN BOUNDARY LINE OF LOT 26 AND BEING 8 FEET WEST OF THE NORTHWEST CORNER OF LOT 25; THENCE LEAVING THE NORTH LINE OF SAID BLOCK 9 AND RUNNING PARALLEL TO AND 8 FEET TO THE WEST OF SAID WEST LINE OF LOT 25, BLOCK 9 (SAID LINE BEING THE WESTERN BOUNDARY LINE OF THE PROPERTY NOW OR FORMERLY OWNED BY RALPH W. ZIMMERMAN) RUN IN A SOUTHERLY DIRECTION A DISTANCE OF 121 FEET TO A POINT; THENCE, CONTINUING ALONG THE BOUNDARY LINE OF SAID LAND NOW OR FORMERLY OWNED BY RALPH W. ZIMMERMAN, RUN THE FOLLOWING 2 COURSES AND DISTANCES: WITH AN INCLUDED ANGLE TO THE RIGHT OF 90°00'00", RUN EASTERLY A DISTANCE OF 33 FEET TO A POINT; THENCE WITH AN INCLUDED ANGLE TO THE RIGHT OF 90°00'00", RUN NORTHERLY A DISTANCE OF 121 FEET TO A POINT SAID POINT BEING ALONG THE NORTH LINE OF SAID BLOCK 9; THENCE LEAVING THE LANDS NOW OR FORMERLY OWNED BY RALPH W. ZIMMERMAN AND CONTINUING ALONG THE NORTH LINE OF BLOCK 9 RUN IN AN EASTERLY DIRECTION A DISTANCE OF 60.39 FEET TO A POINT; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 89°17'08", RUN SOUTHERLY ALONG THE EAST LINE OF SAID BLOCK 9, A DISTANCE OF 255.02 FEET TO THE SOUTHEAST CORNER OF SAID LOT 22; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°42'52", RUN WESTERLY ALONG THE SOUTH LINE OF SAID BLOCK 9, A DISTANCE OF 232.21 FEET TO THE SOUTHWEST CORNER OF SAID LOT 14; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°00'00", RUN NORTHERLY ALONG THE WEST LINE OF SAID LOT 14, A DISTANCE OF 134.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT 31; THENCE WITH AN INCLUDED ANGLE TO THE RIGHT OF 90°00'00", RUN WESTERLY ALONG THE SOUTH LINE OF SAID LOTS 32 THROUGH 38, A DISTANCE OF 175.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT 38; THENCE WITH AN INCLUDED ANGLE TO THE LEFT OF 90°00'00", RUN NORTHERLY ALONG THE WEST LINE OF SAID LOT 38, A DISTANCE OF 121.00 FEET TO THE POINT OF BEGINNING.

PARCEL 3:

LOTS 1 AND 2, BLOCK 9, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 21, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

PARCEL 4:

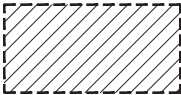
LOT 3, BLOCK 9, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 21, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.



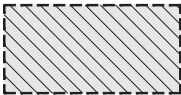
Overall Site Plan

SCALE 1"=30'-0"

Legend



Existing Alley Easement to be vacated



Existing Alley Easement to remained

Master Site Plan Summary

	Studio	Studio Jr	A1 (1bd)	B1 (2-bd)	B2 (2-bd+Den)	B3 (2-bd)	C1 (3bd)	Total Units	Retail Sq Ft.	Parking Req'd	Parking Prov.	Building Hgts
Tower 1	79 DU	26 DU	81 DU	18 DU	20 DU	DU	19 DU	243 DU	19,615 sf	243 spaces		100'-4" Parapet
Tower 2	10 DU	28 DU	13 DU	38 DU	8 DU	5 DU	5 DU	107 DU	9,223 sf	107 spaces		100'-4" Parapet
Total	89 DU	54 DU	94 DU	56 DU	28 DU	5 DU	24 DU	350 DU	28,838 sf	350 spaces	496 spaces	

modis architects

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project info :

Soleste
Hollywood Blvd.
2001 Hollywood Blvd.
Hollywood, Florida

seal :

ROBERT K. MORISSETTE, AIA, NCARB, LEED AP BD+C, COP
FLORIDA REGISTERED ARCHITECT #AR 93259

revisions :

drawing data :

OVERALL SITE
PLAN

project number :

#19024

drawing scale :

As Shown

drawing date :

08/29/2019

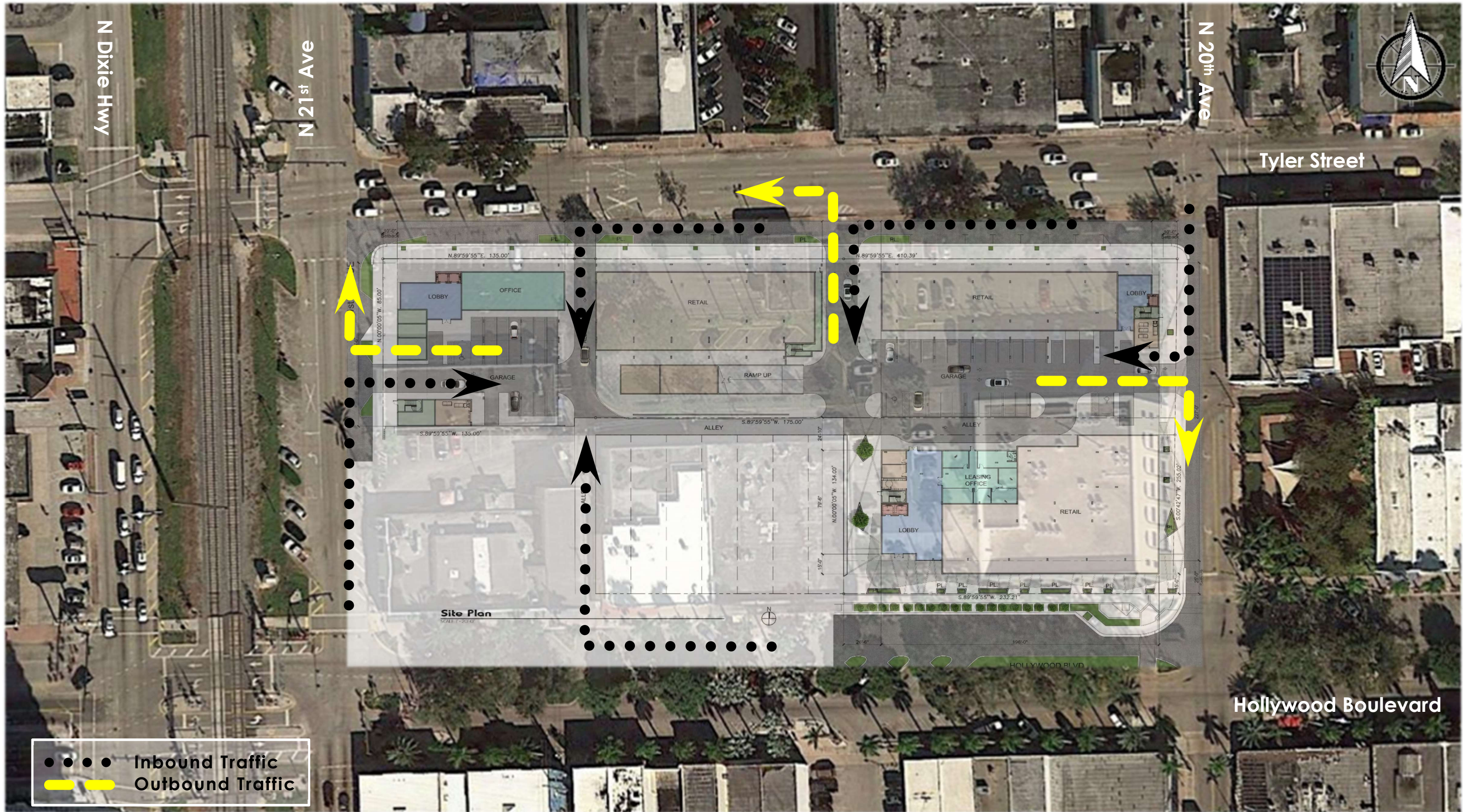
phase :

FINAL TAC

sheet number :

A0.02

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SOLESTE HOLLYWOOD

Project Circulation

2019-09-20

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SOLESTE HOLLYWOOD

2019-09-20

Driveway Modifications



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Trip Generation - Soleste Hollywood

Land Use	ITE Code	Daily Trip Gen.	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Multifamily Housing (Mid-Rise) ¹	221	5.44	26%	74%	0.36	61%	39%	0.44
Gen. Commercial	820	37.75	62%	38%	0.94	48%	52%	3.81

¹Mid-rise multifamily housing includes apartments, townhouses, and condominiums located within the same building with at least three other dwelling units and that have between three and 10 floors.

Land Use	Intensity	Daily Traffic	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Multifamily Housing	350 DUs	1,904	33	93	126	94	60	154
Gen. Commercial	28,838 SF	1,089	17	10	27	53	57	110
Σ		2,993	50	103	153	147	117	264
Pass-By								
Gen. Commercial	34.00%	370	6	3	9	18	19	37
Net Proposed Traffic		2,623	44	100	144	129	98	227

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Critical Movement Analysis



Tyler Street & N 21st Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2019
Years	=	0

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	
				350 Apartments
				28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	75	393	23	14	392	-	-	564	25
Peak Season Volume	-	-	-	78	409	24	15	408	-	-	587	26
2019 Historic Growth	-	-	-	78	409	24	15	408	-	-	587	26
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	78	409	24	15	408	-	-	587	26
% Project Traffic	-	-	-	10%	10%	10%	10%	10%	-	-	-	-
Project Traffic Direction	-	-	-	OUT	OUT	OUT	OUT	OUT	-	-	-	-
Project Traffic	-	-	-	0	0	0	0	0	-	-	-	-
2019 Total Traffic ¹	-	-	-	78	409	24	15	408	-	-	587	26

Critical Volume

No. of Lanes	-	-	-	1	2	-	1	2	-	-	3	-
Approach Volume	-			511			423			613		
Per Lane Volume ²	-	-	-	78	217	-	15	204	-	-	196	-
North-South Critical	EB LT +			WB TH = 217			WB LT +			EB RT = 78		
East-West Critical	NB LT +			SB TH = 211			SB LT +			NB TH = 204		
Maximum Critical Sum	217			+ 211			= 428					

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	123	398	46	6	539	-	-	565	14
Peak Season Volume	-	-	-	128	414	48	6	561	-	-	588	15
2019 Historic Growth	-	-	-	128	414	48	6	561	-	-	588	15
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	128	414	48	6	561	-	-	588	15
% Project Traffic	-	-	-	10%	10%	10%	10%	10%	-	-	-	-
Project Traffic Direction	-	-	-	OUT	OUT	OUT	OUT	OUT	-	-	-	-
Project Traffic	-	-	-	0	0	0	0	0	-	-	-	-
2019 Total Traffic ¹	-	-	-	128	414	48	6	561	-	-	588	15

Critical Volume

No. of Lanes	-	-	-	1	2	-	1	2	-	-	3	-
Approach Volume	-			590			567			603		
Per Lane Volume ²	-	-	-	128	231	-	6	281	-	-	196	-
North-South Critical	EB LT +			WB TH = 231			WB LT +			EB RT = 128		
East-West Critical	NB LT +			SB TH = 202			SB LT +			NB TH = 281		
Maximum Critical Sum	231			+ 281			= 512					

Status? **OK**

Critical Movement Analysis



Tyler Street & N 21st Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	
				350 Apartments
				28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	75	393	23	14	392	-	-	564	25
Peak Season Volume	-	-	-	78	409	24	15	408	-	-	587	26
2022 Historic Growth	-	-	-	80	421	25	15	420	-	-	604	27
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	80	421	25	15	420	-	-	605	27
% Project Traffic	-	-	-	10%	10%	10%	10%	10%	-	-	-	-
Project Traffic Direction	-	-	-	OUT	OUT	OUT	OUT	OUT	-	-	-	-
Project Traffic	-	-	-	0	0	0	0	0	-	-	-	-
2022 Total Traffic ¹	-	-	-	80	421	25	15	420	-	-	605	27

Critical Volume

No. of Lanes	-	-	-	1	2	-	1	2	-	-	3	-
Approach Volume	-			526			435			632		
Per Lane Volume ²	-	-	-	80	223	-	15	210	-	-	202	-
North-South Critical	EB LT +			WB TH = 223			WB LT +			EB RT = 80		
East-West Critical	NB LT +			SB TH = 217			SB LT +			NB TH = 210		
Maximum Critical Sum	223			+ 217			= 440					

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	123	398	46	6	539	-	-	565	14
Peak Season Volume	-	-	-	128	414	48	6	561	-	-	588	15
2022 Historic Growth	-	-	-	132	426	49	6	577	-	-	605	15
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	132	427	49	6	578	-	-	606	15
% Project Traffic	-	-	-	10%	10%	10%	10%	10%	-	-	-	-
Project Traffic Direction	-	-	-	OUT	OUT	OUT	OUT	OUT	-	-	-	-
Project Traffic	-	-	-	0	0	0	0	0	-	-	-	-
2022 Total Traffic ¹	-	-	-	132	427	49	6	578	-	-	606	15

Critical Volume

No. of Lanes	-	-	-	1	2	-	1	2	-	-	3	-
Approach Volume	-			608			584			621		
Per Lane Volume ²	-	-	-	132	238	-	6	289	-	-	202	-
North-South Critical	EB LT +			WB TH = 238			WB LT +			EB RT = 132		
East-West Critical	NB LT +			SB TH = 208			SB LT +			NB TH = 289		
Maximum Critical Sum	238			+ 289			= 527					

Status? **OK**

Critical Movement Analysis



Tyler Street & N 21st Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
44	100	129	98	
				350 Apartments
				28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	75	393	23	14	392	-	-	564	25
Peak Season Volume	-	-	-	78	409	24	15	408	-	-	587	26
2022 Historic Growth	-	-	-	80	421	25	15	420	-	-	604	27
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	80	421	25	15	420	-	-	605	27
% Project Traffic	-	-	-	10%	10%	10%	10%	10%	-	-	-	-
Project Traffic Direction	-	-	-	OUT	OUT	OUT	OUT	OUT	-	-	-	-
Project Traffic	-	-	-	10	10	10	10	10	-	-	-	-
2022 Total Traffic ¹	-	-	-	90	431	35	25	430	-	-	605	27

Critical Volume

No. of Lanes	-	-	-	1	2	-	1	2	-	-	3	-
Approach Volume	-			556			455			632		
Per Lane Volume ²	-	-	-	90	233	-	25	215	-	-	202	-
North-South Critical	EB LT +			WB TH = 233			WB LT +			EB RT = 90		
East-West Critical	NB LT +			SB TH = 227			SB LT +			NB TH = 215		
Maximum Critical Sum				233	+	227	=	460				

Status?

OK

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	123	398	46	6	539	-	-	565	14
Peak Season Volume	-	-	-	128	414	48	6	561	-	-	588	15
2022 Historic Growth	-	-	-	132	426	49	6	577	-	-	605	15
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	132	427	49	6	578	-	-	606	15
% Project Traffic	-	-	-	10%	10%	10%	10%	10%	-	-	-	-
Project Traffic Direction	-	-	-	OUT	OUT	OUT	OUT	OUT	-	-	-	-
Project Traffic	-	-	-	10	10	10	10	10	-	-	-	-
2022 Total Traffic ¹	-	-	-	142	437	59	16	588	-	-	606	15

Critical Volume

No. of Lanes	-	-	-	1	2	-	1	2	-	-	3	-
Approach Volume	-			637			604			621		
Per Lane Volume ²	-	-	-	142	248	-	16	294	-	-	202	-
North-South Critical	EB LT + WB TH = 248						WB LT + EB RT = 142					
East-West Critical	NB LT + SB TH = 218						SB LT + NB TH = 294					
Maximum Critical Sum	248 + 294 = 542											

Status?

OK

KMF Traffic Group, LLC
www.kmftraffic.net - Stuart, FL
(772) 221-7971

Manual Traffic Count - All Traffic
Dixie Hwy/N21St Ave and Tyler St
Hollywood, FL

File Name : DIXTY
Site Code : JO1930
Start Date : 9/17/2019
Page No : 1

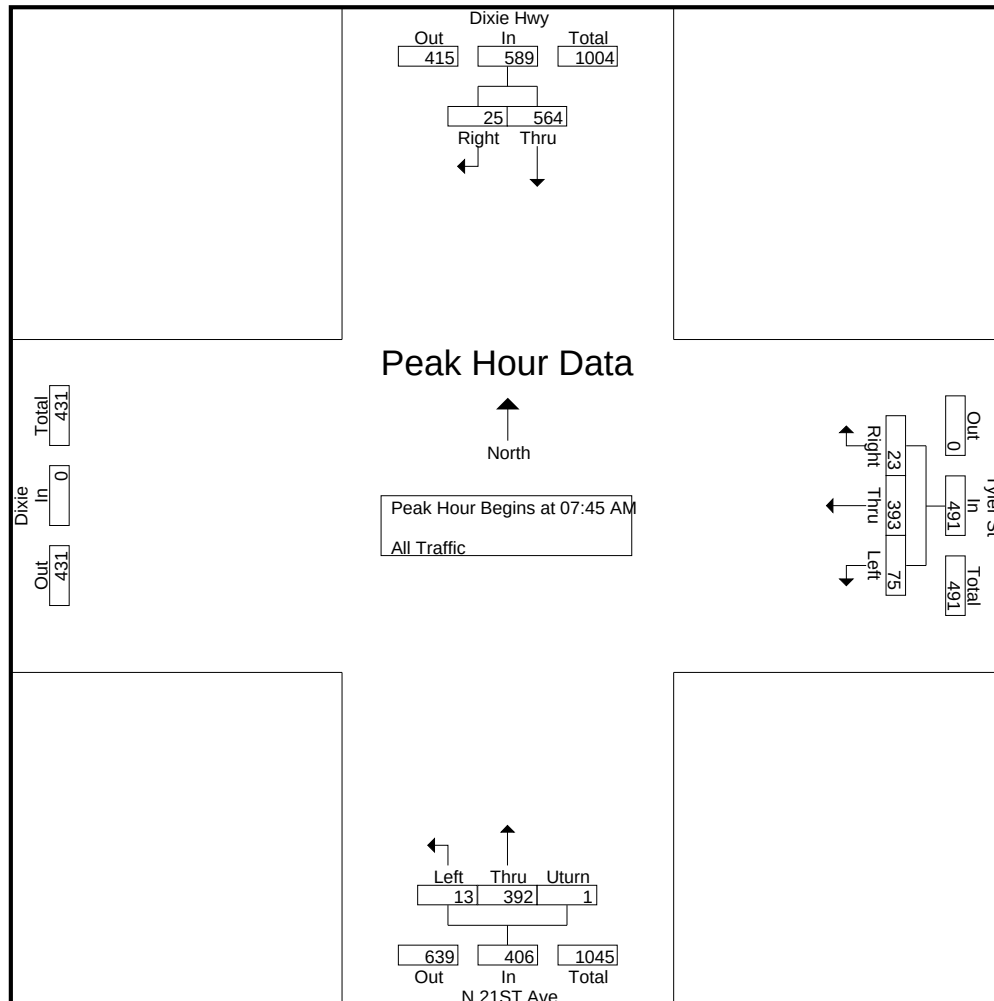
Groups Printed- All Traffic

Start Time	N 21ST Ave NB				Dixie Hwy SB			Tyler St WB				Int. Total
	Thru	Left	Uturn	App. Total	Right	Thru	App. Total	Right	Thru	Left	App. Total	
07:00 AM	80	2	0	82	1	86	87	4	86	8	98	267
07:15 AM	88	0	1	89	10	102	112	6	75	9	90	291
07:30 AM	67	0	1	68	4	154	158	2	85	14	101	327
07:45 AM	93	2	1	96	3	161	164	4	108	19	131	391
Total	328	4	3	335	18	503	521	16	354	50	420	1276
08:00 AM	114	4	0	118	7	121	128	5	88	21	114	360
08:15 AM	106	6	0	112	8	137	145	5	106	21	132	389
08:30 AM	79	1	0	80	7	145	152	9	91	14	114	346
08:45 AM	110	2	0	112	9	151	160	13	73	20	106	378
Total	409	13	0	422	31	554	585	32	358	76	466	1473
*** BREAK ***												
04:00 PM	84	4	1	89	5	122	127	4	111	28	143	359
04:15 PM	91	1	0	92	5	105	110	11	98	46	155	357
04:30 PM	110	9	1	120	5	116	121	10	83	32	125	366
04:45 PM	97	3	1	101	3	115	118	14	104	38	156	375
Total	382	17	3	402	18	458	476	39	396	144	579	1457
05:00 PM	145	0	0	145	3	164	167	9	114	26	149	461
05:15 PM	143	0	0	143	7	137	144	9	92	26	127	414
05:30 PM	154	2	0	156	1	149	150	14	88	33	135	441
05:45 PM	103	0	0	103	1	122	123	14	92	19	125	351
Total	545	2	0	547	12	572	584	46	386	104	536	1667
Grand Total	1664	36	6	1706	79	2087	2166	133	1494	374	2001	5873
Apprch %	97.5	2.1	0.4		3.6	96.4		6.6	74.7	18.7		
Total %	28.3	0.6	0.1	29	1.3	35.5	36.9	2.3	25.4	6.4	34.1	

Manual Traffic Count - All Traffic
Dixie Hwy/N21St Ave and Tyler St
Hollywood, FL

File Name : DIXTY
Site Code : JO1930
Start Date : 9/17/2019
Page No : 2

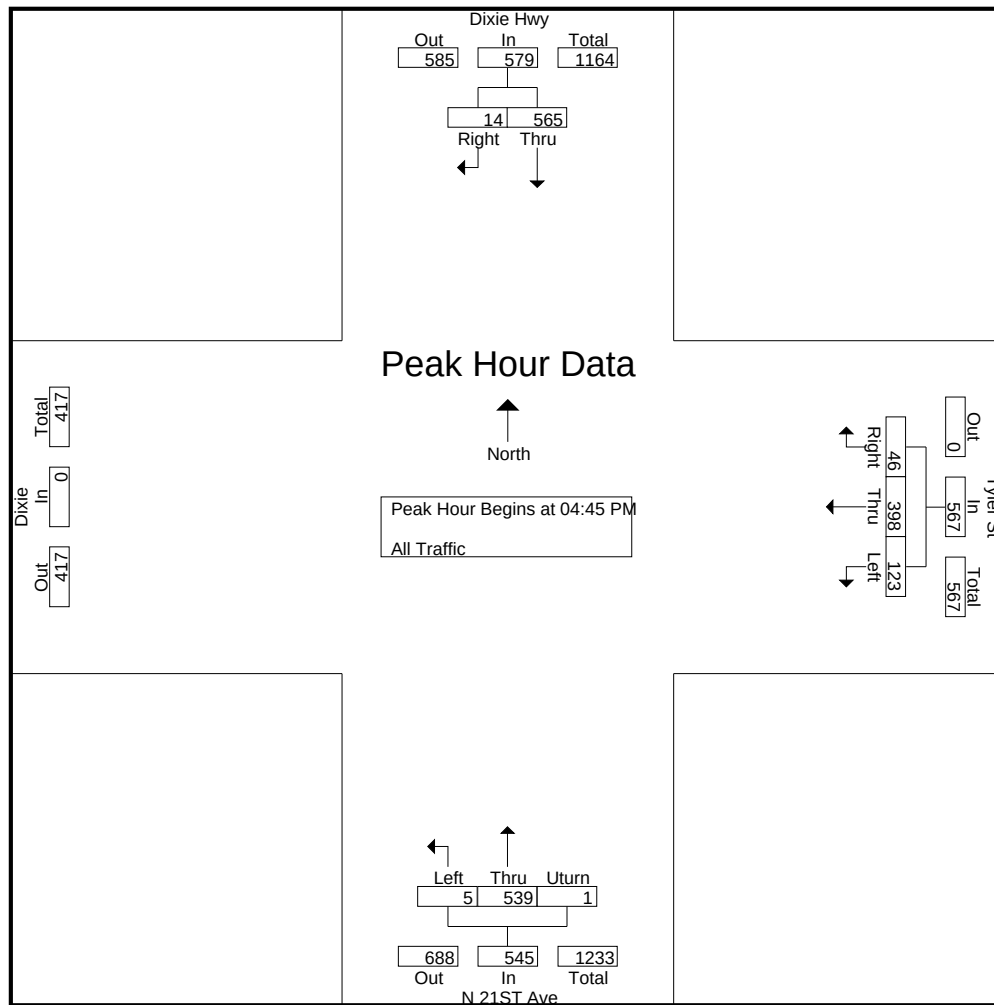
	N 21ST Ave NB				Dixie Hwy SB			Tyler St WB				
Start Time	Thru	Left	Uturn	App. Total	Right	Thru	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1												
Peak Hour for Entire Intersection Begins at 07:45 AM												
07:45 AM	93	2	1	96	3	161	164	4	108	19	131	391
08:00 AM	114	4	0	118	7	121	128	5	88	21	114	360
08:15 AM	106	6	0	112	8	137	145	5	106	21	132	389
08:30 AM	79	1	0	80	7	145	152	9	91	14	114	346
Total Volume	392	13	1	406	25	564	589	23	393	75	491	1486
% App. Total	96.6	3.2	0.2		4.2	95.8		4.7	80	15.3		
PHF	.860	.542	.250	.860	.781	.876	.898	.639	.910	.893	.930	.950



Manual Traffic Count - All Traffic
Dixie Hwy/N21St Ave and Tyler St
Hollywood, FL

File Name : DIXTY
Site Code : JO1930
Start Date : 9/17/2019
Page No : 3

	N 21ST Ave NB				Dixie Hwy SB			Tyler St WB				
Start Time	Thru	Left	Uturn	App. Total	Right	Thru	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1												
Peak Hour for Entire Intersection Begins at 04:45 PM												
04:45 PM	97	3	1	101	3	115	118	14	104	38	156	375
05:00 PM	145	0	0	145	3	164	167	9	114	26	149	461
05:15 PM	143	0	0	143	7	137	144	9	92	26	127	414
05:30 PM	154	2	0	156	1	149	150	14	88	33	135	441
Total Volume	539	5	1	545	14	565	579	46	398	123	567	1691
% App. Total	98.9	0.9	0.2		2.4	97.6		8.1	70.2	21.7		
PHF	.875	.417	.250	.873	.500	.861	.867	.821	.873	.809	.909	.917



TRAFFIC ENGINEERING DIVISION

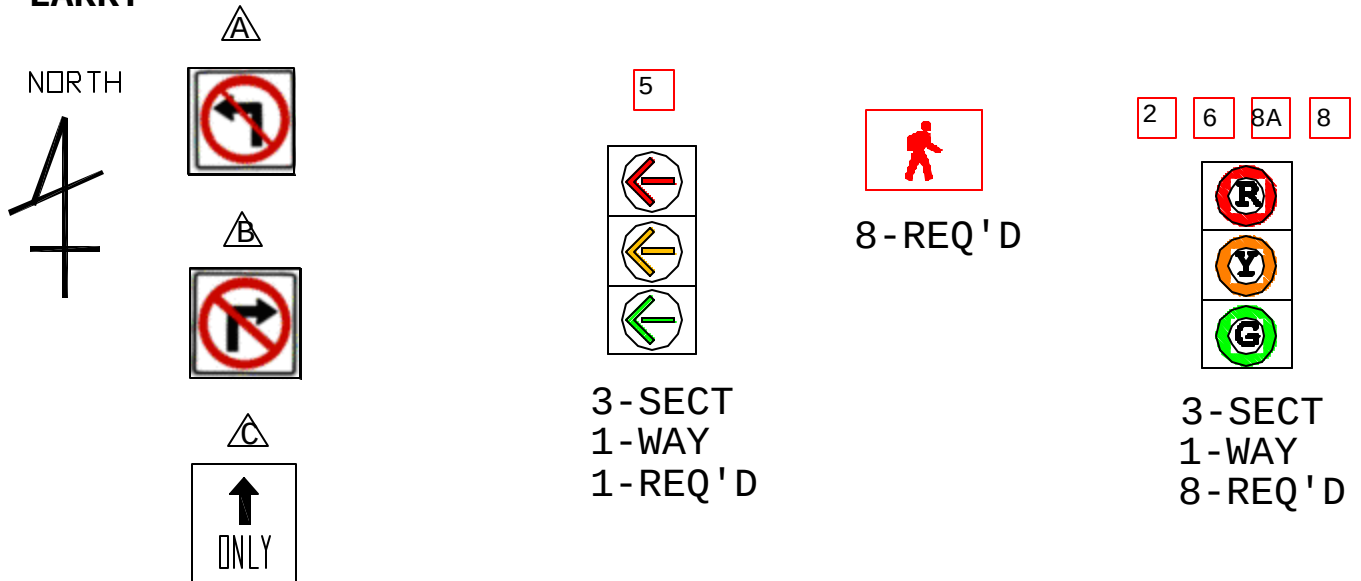
SIGNALIZED INTERSECTION

LOCATION **DIXIE HWY/N 21 AVE & TYLER ST**

ORDER NO **CITY** ISSUE DATE **----** REVISION NO. **5** COMPLETION DATE **3/19/03**

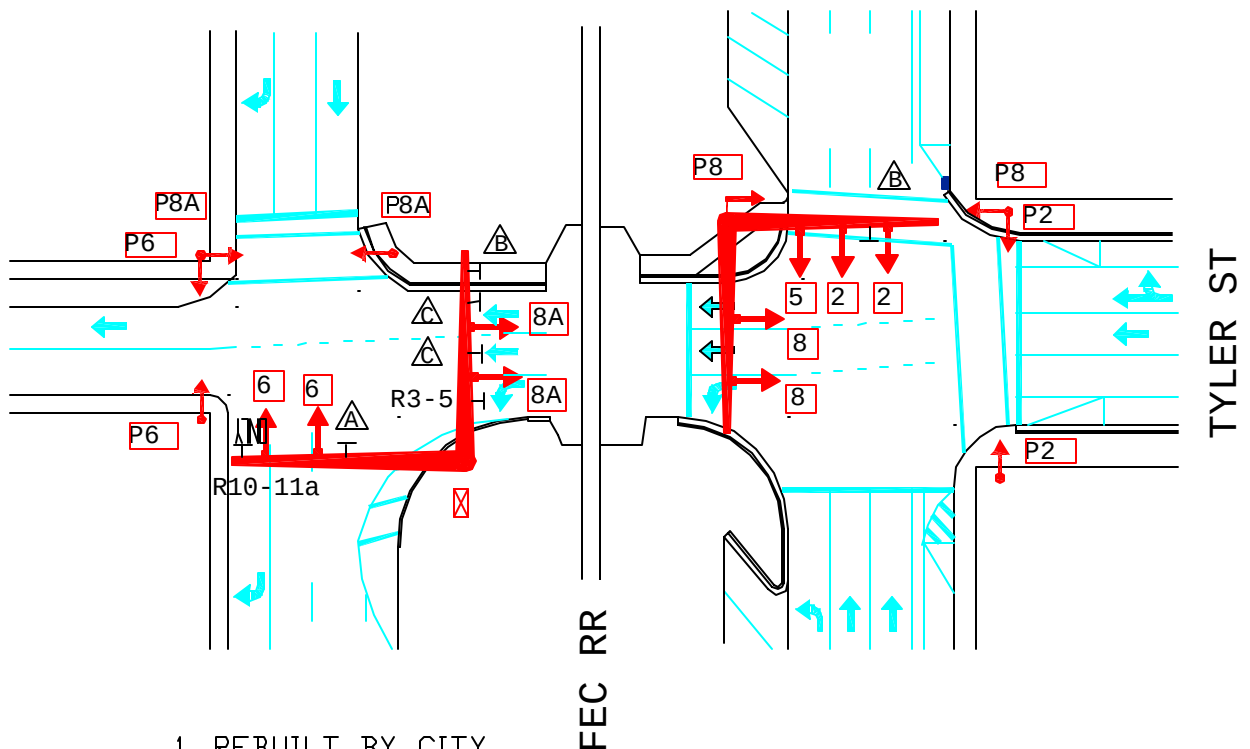
DWG. NO. **06-03-09-01** FILE NO. **C-205** CITY **HOLLYWOOD** SCALE: 1" = 50'

LARRY



DIXIE HIGHWAY

N 21 AVENUE



Intersection Volume Development



Tyler Street & N 20th Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2019
Years	=	0

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	20	474	9	16	142	-	-	175	55
Peak Season Volume	-	-	-	21	493	9	17	148	-	-	182	57
2019 Historic Growth	-	-	-	21	493	9	17	148	-	-	182	57
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	21	493	9	17	148	-	-	182	57
% Project Traffic	-	-	-	5%	10%	-	30%	-	-	-	5%	15%
Project Traffic Direction	-	-	-	IN	IN	-	IN	-	-	-	IN	IN
Project Traffic	-	-	-	0	0	-	0	-	-	-	0	0
2019 Total Traffic	-	-	-	21	493	9	17	148	-	-	182	57

Critical Volume

No. of Lanes	-	-	-	-	3	-	1	1	-	-	1	-
Approach Volume	-			523			165			239		
Per Lane Volume	-	-	-	-	174	-	17	148	-	-	239	-
North-South Critical	EB LT +			WB TH = 174			WB LT +			EB RT = 0		
East-West Critical	NB LT +			SB TH = 256			SB LT +			NB TH = 148		
Maximum Critical Sum	174			+ 256			= 430					

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	59	408	31	53	186	-	-	143	51
Peak Season Volume	-	-	-	61	424	32	55	193	-	-	149	53
2019 Historic Growth	-	-	-	61	424	32	55	193	-	-	149	53
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	61	424	32	55	193	-	-	149	53
% Project Traffic	-	-	-	5%	10%	-	30%	-	-	-	5%	15%
Project Traffic Direction	-	-	-	IN	IN	-	IN	-	-	-	IN	IN
Project Traffic	-	-	-	0	0	-	0	-	-	-	0	0
2019 Total Traffic ¹	-	-	-	61	424	32	55	193	-	-	149	53

Critical Volume

No. of Lanes	-	-	-	-	3	-	1	1	-	-	1	-
Approach Volume	-			517			248			202		
Per Lane Volume ²	-	-	-	-	172	-	55	193	-	-	202	-
North-South Critical	EB LT +			WB TH = 172			WB LT +			EB RT = 0		
East-West Critical	NB LT +			SB TH = 257			SB LT +			NB TH = 193		
Maximum Critical Sum	172			+ 257			= 429					

Status? **OK**

Intersection Volume Development



Tyler Street & N 20th Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	
				350 Apartments
				28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	20	474	9	16	142	-	-	175	55
Peak Season Volume	-	-	-	21	493	9	17	148	-	-	182	57
2022 Historic Growth	-	-	-	22	507	9	17	152	-	-	187	59
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	22	508	9	18	152	-	-	188	59
% Project Traffic	-	-	-	5%	10%	-	30%	-	-	-	5%	15%
Project Traffic Direction	-	-	-	IN	IN	-	IN	-	-	-	IN	IN
Project Traffic	-	-	-	0	0	-	0	-	-	-	0	0
2022 Total Traffic	-	-	-	22	508	9	18	152	-	-	188	59

Critical Volume

No. of Lanes	-	-	-	-	3	-	1	1	-	-	1	-
Approach Volume	-			539			170			247		
Per Lane Volume	-	-	-	-	180	-	18	152	-	-	247	-
North-South Critical	EB LT +			WB TH = 180			WB LT +			EB RT = 0		
East-West Critical	NB LT +			SB TH = 265			SB LT +			NB TH = 152		
Maximum Critical Sum	180			+ 265			= 445					

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	59	408	31	53	186	-	-	143	51
Peak Season Volume	-	-	-	61	424	32	55	193	-	-	149	53
2022 Historic Growth	-	-	-	63	436	33	57	199	-	-	153	55
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	63	437	33	57	199	-	-	154	55
% Project Traffic	-	-	-	5%	10%	-	30%	-	-	-	5%	15%
Project Traffic Direction	-	-	-	IN	IN	-	IN	-	-	-	IN	IN
Project Traffic	-	-	-	0	0	-	0	-	-	-	0	0
2022 Total Traffic ¹	-	-	-	63	437	33	57	199	-	-	154	55

Critical Volume

No. of Lanes	-	-	-	-	3	-	1	1	-	-	1	-
Approach Volume	-			533			256			209		
Per Lane Volume ²	-	-	-	-	178	-	57	199	-	-	209	-
North-South Critical	EB LT +			WB TH = 178			WB LT +			EB RT = 0		
East-West Critical	NB LT +			SB TH = 266			SB LT +			NB TH = 199		
Maximum Critical Sum	178			+ 266			= 444					

Status? **OK**

Intersection Volume Development



Tyler Street & N 20th Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
44	100	129	98	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	20	474	9	16	142	-	-	175	55
Peak Season Volume	-	-	-	21	493	9	17	148	-	-	182	57
2022 Historic Growth	-	-	-	22	507	9	17	152	-	-	187	59
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	22	508	9	18	152	-	-	188	59
% Project Traffic	-	-	-	5%	10%	-	30%	-	-	-	5%	15%
Project Traffic Direction	-	-	-	IN	IN	-	IN	-	-	-	IN	IN
Project Traffic	-	-	-	2	4	-	13	-	-	-	2	7
2022 Total Traffic	-	-	-	24	512	9	31	152	-	-	190	66

Critical Volume

No. of Lanes	-	-	-	-	3	-	1	1	-	-	1	-
Approach Volume	-			546			183			256		
Per Lane Volume	-	-	-	-	182	-	31	152	-	-	256	-
North-South Critical	EB LT +			WB TH = 182			WB LT +			EB RT = 0		
East-West Critical	NB LT +			SB TH = 287			SB LT +			NB TH = 152		
Maximum Critical Sum	182			+ 287			= 469					

Status?

OK

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	-	-	-	59	408	31	53	186	-	-	143	51
Peak Season Volume	-	-	-	61	424	32	55	193	-	-	149	53
2022 Historic Growth	-	-	-	63	436	33	57	199	-	-	153	55
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	-	-	-	63	437	33	57	199	-	-	154	55
% Project Traffic	-	-	-	5%	10%	-	30%	-	-	-	5%	15%
Project Traffic Direction	-	-	-	IN	IN	-	IN	-	-	-	IN	IN
Project Traffic	-	-	-	6	13	-	39	-	-	-	6	19
2022 Total Traffic ¹	-	-	-	69	450	33	96	199	-	-	160	74

Critical Volume

No. of Lanes	-	-	-	-	3	-	1	1	-	-	1	-
Approach Volume	-			552			295			235		
Per Lane Volume ²	-	-	-	-	184	-	96	199	-	-	235	-
North-South Critical	EB LT +			WB TH = 184			WB LT +			EB RT = 0		
East-West Critical	NB LT +			SB TH = 331			SB LT +			NB TH = 199		
Maximum Critical Sum	184			+ 331			= 515					

Status?

OK

KMF Traffic Group, LLC

www.kmftraffic.net

Stuart, FL

Manual Traffic Count - All Traffic

Tyler St and N20th Ave.

Hollywood, FL

File Name : tylerampm

Site Code : JO1930

Start Date : 9/17/2019

Page No : 1

Groups Printed- All Traffic

Start Time	N20th Ave NB				N20th Ave SB				Tyler St EB		Tyler St WB					Int. Total
	Thru	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	23	3	0	26	10	19	0	29	0	0	3	74	4	0	81	136
07:15 AM	23	3	0	26	12	36	2	50	3	3	0	85	6	0	91	170
07:30 AM	28	8	0	36	16	54	2	72	0	0	2	111	3	0	116	224
07:45 AM	29	2	0	31	8	28	2	38	1	1	2	98	7	2	109	179
Total	103	16	0	119	46	137	6	189	4	4	7	368	20	2	397	709
08:00 AM	43	4	1	48	18	44	2	64	1	1	1	131	2	1	135	248
08:15 AM	42	2	1	45	13	49	2	64	1	1	4	134	8	5	151	261
08:30 AM	20	11	4	35	12	34	1	47	1	1	6	78	5	0	89	172
08:45 AM	25	5	0	30	7	32	1	40	0	0	6	70	9	1	86	156
Total	130	22	6	158	50	159	6	215	3	3	17	413	24	7	461	837
*** BREAK ***																
04:00 PM	32	12	1	45	9	41	0	50	1	1	8	99	11	0	118	214
04:15 PM	35	14	1	50	12	33	2	47	2	2	7	107	10	1	125	224
04:30 PM	32	12	0	44	10	28	1	39	1	1	6	90	5	0	101	185
04:45 PM	36	11	0	47	11	30	3	44	1	1	9	111	8	6	134	226
Total	135	49	2	186	42	132	6	180	5	5	30	407	34	7	478	849
05:00 PM	56	23	1	80	18	39	0	57	1	1	8	97	18	8	131	269
05:15 PM	54	3	1	58	14	35	0	49	8	8	9	98	15	1	123	238
05:30 PM	40	16	0	56	8	39	2	49	4	4	5	102	18	0	125	234
05:45 PM	38	8	0	46	12	23	1	36	1	1	8	92	11	1	112	195
Total	188	50	2	240	52	136	3	191	14	14	30	389	62	10	491	936
Grand Total	556	137	10	703	190	564	21	775	26	26	84	1577	140	26	1827	3331
Apprch %	79.1	19.5	1.4		24.5	72.8	2.7		100		4.6	86.3	7.7	1.4		
Total %	16.7	4.1	0.3	21.1	5.7	16.9	0.6	23.3	0.8	0.8	2.5	47.3	4.2	0.8	54.8	

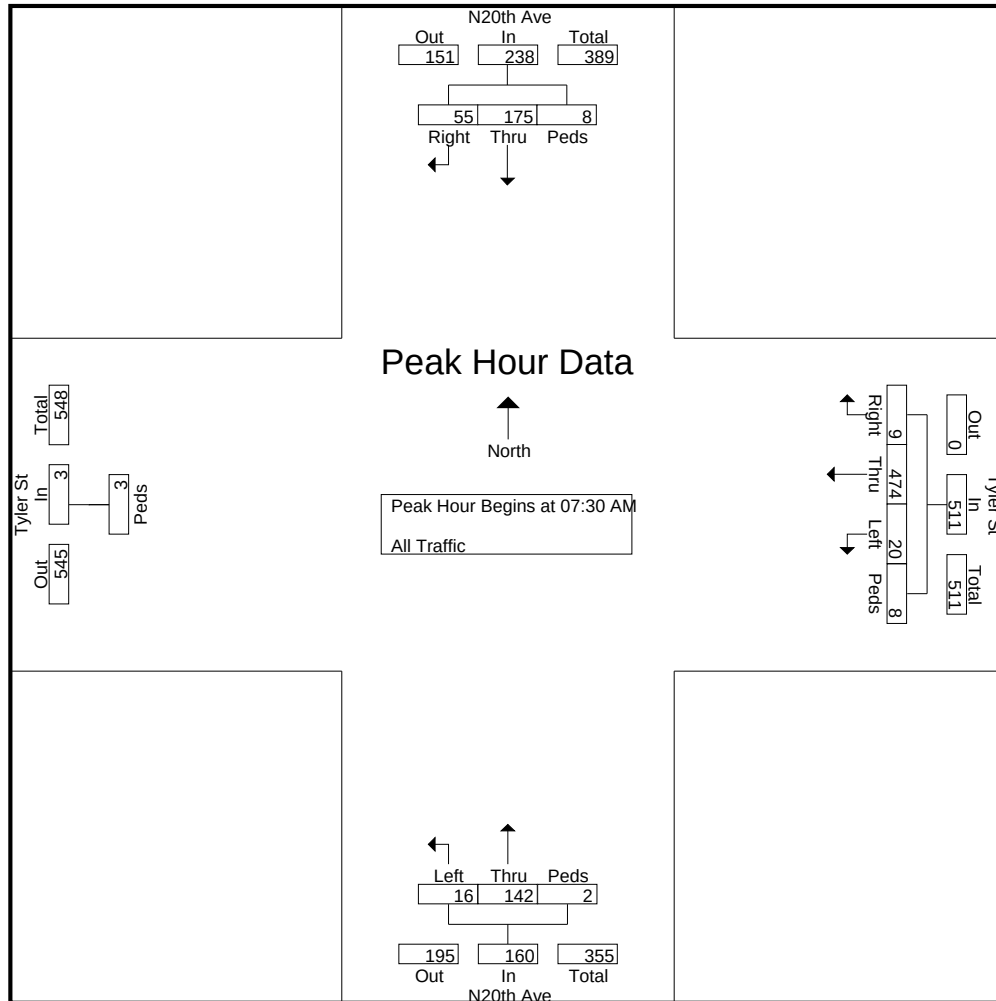
KMF Traffic Group, LLC

www.kmftraffic.net
Stuart, FL

Manual Traffic Count - All Traffic
Tyler St and N20th Ave.
Hollywood, FL

File Name : tylerampm
Site Code : JO1930
Start Date : 9/17/2019
Page No : 2

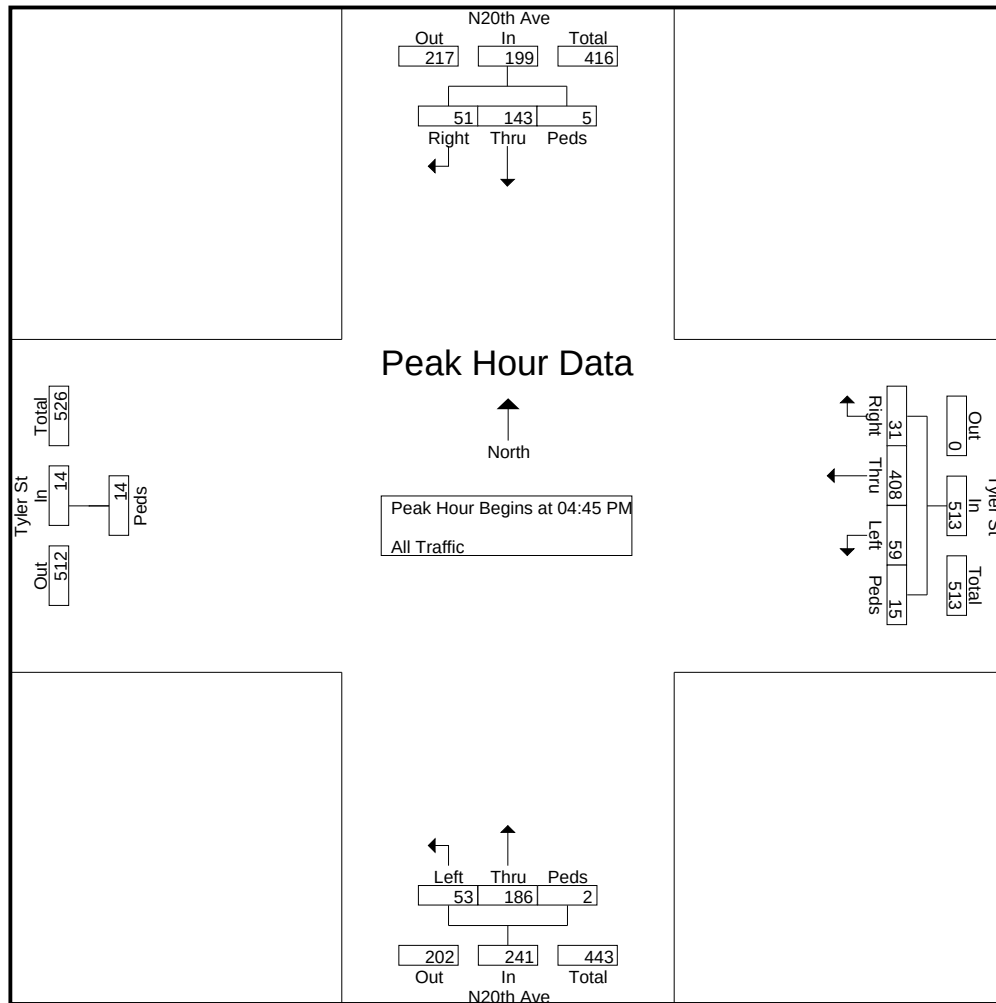
	N20th Ave NB				N20th Ave SB				Tyler St EB		Tyler St WB					
Start Time	Thru	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:30 AM																
07:30 AM	28	8	0	36	16	54	2	72	0	0	2	111	3	0	116	224
07:45 AM	29	2	0	31	8	28	2	38	1	1	2	98	7	2	109	179
08:00 AM	43	4	1	48	18	44	2	64	1	1	1	131	2	1	135	248
08:15 AM	42	2	1	45	13	49	2	64	1	1	4	134	8	5	151	261
Total Volume	142	16	2	160	55	175	8	238	3	3	9	474	20	8	511	912
% App. Total	88.8	10	1.2		23.1	73.5	3.4		100		1.8	92.8	3.9	1.6		
PHF	.826	.500	.500	.833	.764	.810	1.00	.826	.750	.750	.563	.884	.625	.400	.846	.874



Manual Traffic Count - All Traffic
Tyler St and N20th Ave.
Hollywood, FL

File Name : tylerampm
Site Code : JO1930
Start Date : 9/17/2019
Page No : 3

	N20th Ave NB				N20th Ave SB				Tyler St EB		Tyler St WB					
Start Time	Thru	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 04:45 PM																
04:45 PM	36	11	0	47	11	30	3	44	1	1	9	111	8	6	134	226
05:00 PM	56	23	1	80	18	39	0	57	1	1	8	97	18	8	131	269
05:15 PM	54	3	1	58	14	35	0	49	8	8	9	98	15	1	123	238
05:30 PM	40	16	0	56	8	39	2	49	4	4	5	102	18	0	125	234
Total Volume	186	53	2	241	51	143	5	199	14	14	31	408	59	15	513	967
% App. Total	77.2	22	0.8		25.6	71.9	2.5		100		6	79.5	11.5	2.9		
PHF	.830	.576	.500	.753	.708	.917	.417	.873	.438	.438	.861	.919	.819	.469	.957	.899



BROWARD COUNTY TRAFFIC ENGINEERING DIVISION
TRAFFIC SIGNAL LOCATION SKETCH

LOCATION **TYLER STREET & N 20 AVENUE**

ORDER NO. -- ISSUE DATE --- REVISION NO. -- COMPLETION DATE **03/14/14**

DWG. NO. **14-03-18-01** FILE NO. **3204** CITY **HOLLYWOOD** SCALE: 1" = 50'

DWN BY: SRAMOUTAR

NORTH



P-2 P-4 P-6 P-8



8-REQ'D



SHOPPING
HOLLYWOOD
← BLVD

2 4 8



3-SECT
6-REQ'D

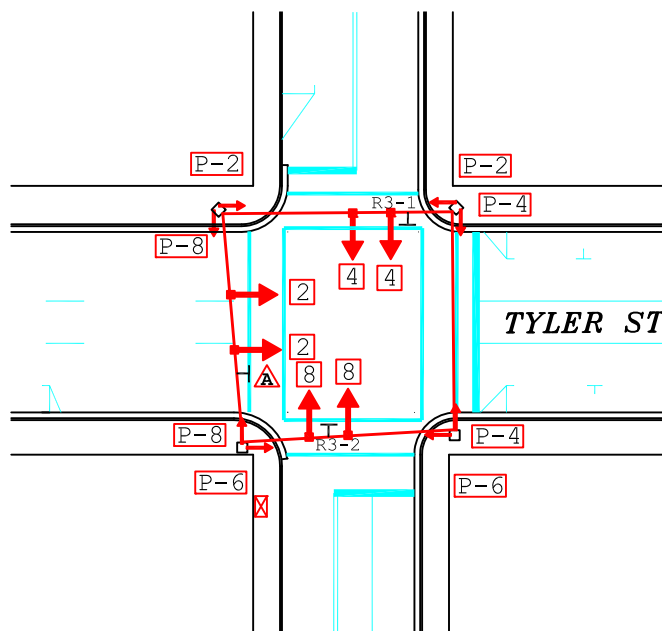


R3-1



R3-2

N 20 AVE



VIDEO DETECTION

Critical Movement Analysis



Hollywood Boulevard & N 20th Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2019
Years	=	0

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	25	186	35	27	105	4	29	151	16	16	158	12
Peak Season Volume	26	193	36	28	109	4	30	157	17	17	164	12
2019 Historic Growth	26	193	36	28	109	4	30	157	17	17	164	12
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	26	193	36	28	109	4	30	157	17	17	164	12
% Project Traffic	30%	-	-	-	-	-	5%	-	-	5%	5%	40%
Project Traffic Direction	IN	-	-	-	-	-	IN	-	-	OUT	OUT	OUT
Project Traffic	0	-	-	-	-	-	0	-	-	0	0	0
2019 Total Traffic ¹	26	193	36	28	109	4	30	157	17	17	164	12

Critical Volume

No. of Lanes	1	1	-	1	1	-	-	1	-	1	1	-	
Approach Volume	255			141			204			193			
Per Lane Volume ²	26	229	-	28	113	-	-	204	-	17	176	-	
North-South Critical	EB LT + WB TH = 139			WB LT + EB TH = 257									
East-West Critical	NB LT + SB TH = 176			SB LT + NB TH = 221									
Maximum Critical Sum	257			+	221	=	478						

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	35	266	24	49	183	8	41	188	40	28	156	25
Peak Season Volume	36	277	25	51	190	8	43	196	42	29	162	26
2019 Historic Growth	36	277	25	51	190	8	43	196	42	29	162	26
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	36	277	25	51	190	8	43	196	42	29	162	26
% Project Traffic	30%	-	-	-	-	-	5%	-	-	5%	5%	40%
Project Traffic Direction	IN	-	-	-	-	-	IN	-	-	OUT	OUT	OUT
Project Traffic	0	-	-	-	-	-	0	-	-	0	0	0
2019 Total Traffic ¹	36	277	25	51	190	8	43	196	42	29	162	26

Critical Volume

No. of Lanes	1	1	-	1	1	-	-	1	-	1	1	-
Approach Volume	338			249			281			217		
Per Lane Volume ²	36	302	-	51	198	-	-	281	-	29	188	-
North-South Critical	EB LT + WB TH = 234			WB LT + EB TH = 353								
East-West Critical	NB LT + SB TH = 188			SB LT + NB TH = 310								
Maximum Critical Sum	353			+	310	=	663					

Status? **OK**

Critical Movement Analysis



Hollywood Boulevard & N 20th Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	25	186	35	27	105	4	29	151	16	16	158	12
Peak Season Volume	26	193	36	28	109	4	30	157	17	17	164	12
2022 Historic Growth	27	199	37	29	112	4	31	162	17	17	169	12
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	27	199	37	29	112	4	31	162	18	18	169	12
% Project Traffic	30%	-	-	-	-	-	5%	-	-	5%	5%	40%
Project Traffic Direction	IN	-	-	-	-	-	IN	-	-	OUT	OUT	OUT
Project Traffic	0	-	-	-	-	-	0	-	-	0	0	0
2022 Total Traffic ¹	27	199	37	29	112	4	31	162	18	18	169	12

Critical Volume

No. of Lanes	1	1	-	1	1	-	-	1	-	1	1	-	
Approach Volume	263			145			211			199			
Per Lane Volume ²	27	236	-	29	116	-	-	211	-	18	181	-	
North-South Critical	EB LT + WB TH = 143			WB LT + EB TH = 265									
East-West Critical	NB LT + SB TH = 181			SB LT + NB TH = 229									
Maximum Critical Sum	265			+	229	=	494						

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	35	266	24	49	183	8	41	188	40	28	156	25
Peak Season Volume	36	277	25	51	190	8	43	196	42	29	162	26
2022 Historic Growth	37	285	26	52	195	8	44	202	43	30	167	27
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	37	285	26	53	196	8	44	202	43	30	167	27
% Project Traffic	30%	-	-	-	-	-	5%	-	-	5%	5%	40%
Project Traffic Direction	IN	-	-	-	-	-	IN	-	-	OUT	OUT	OUT
Project Traffic	0	-	-	-	-	-	0	-	-	0	0	0
2022 Total Traffic ¹	37	285	26	53	196	8	44	202	43	30	167	27

Critical Volume

No. of Lanes	1	1	-	1	1	-	-	1	-	1	1	-
Approach Volume	348			257			289			224		
Per Lane Volume ²	37	311	-	53	204	-	-	289	-	30	194	-
North-South Critical	EB LT + WB TH = 241			WB LT + EB TH = 364								
East-West Critical	NB LT + SB TH = 194			SB LT + NB TH = 319								
Maximum Critical Sum	364			+	319	=	683					

Status? **OK**

Critical Movement Analysis



Hollywood Boulevard & N 20th Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
44	100	129	98	
				350 Apartments
				28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	25	186	35	27	105	4	29	151	16	16	158	12
Peak Season Volume	26	193	36	28	109	4	30	157	17	17	164	12
2022 Historic Growth	27	199	37	29	112	4	31	162	17	17	169	12
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	27	199	37	29	112	4	31	162	18	18	169	12
% Project Traffic	30%	-	-	-	-	-	5%	-	-	5%	5%	40%
Project Traffic Direction	IN	-	-	-	-	-	IN	-	-	OUT	OUT	OUT
Project Traffic	13	-	-	-	-	-	2	-	-	5	5	40
2022 Total Traffic ¹	40	199	37	29	112	4	33	162	18	23	174	52

Critical Volume

No. of Lanes	1	1	-	1	1	-	-	1	-	1	1	-
Approach Volume	276			145			213			249		
Per Lane Volume ²	40	236	-	29	116	-	-	213	-	23	226	-
North-South Critical	EB LT +			WB TH = 156			WB LT +			EB TH = 265		
East-West Critical	NB LT +			SB TH = 226			SB LT +			NB TH = 236		
Maximum Critical Sum	265			+ 236			= 501					

Status? **OK**

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	35	266	24	49	183	8	41	188	40	28	156	25
Peak Season Volume	36	277	25	51	190	8	43	196	42	29	162	26
2022 Historic Growth	37	285	26	52	195	8	44	202	43	30	167	27
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	37	285	26	53	196	8	44	202	43	30	167	27
% Project Traffic	30%	-	-	-	-	-	5%	-	-	5%	5%	40%
Project Traffic Direction	IN	-	-	-	-	-	IN	-	-	OUT	OUT	OUT
Project Traffic	39	-	-	-	-	-	6	-	-	5	5	39
2022 Total Traffic ¹	76	285	26	53	196	8	50	202	43	35	172	66

Critical Volume

No. of Lanes	1	1	-	1	1	-	-	1	-	1	1	-
Approach Volume	387			257			295			273		
Per Lane Volume ²	76	311	-	53	204	-	-	295	-	35	238	-
North-South Critical	EB LT +			WB TH = 280			WB LT +			EB TH = 364		
East-West Critical	NB LT +			SB TH = 238			SB LT +			NB TH = 330		
Maximum Critical Sum	364			+ 330			= 694					

Status? **OK**

KMF Traffic Group, LLC

www.kmftraffic.net

Stuart, FL

Manual Traffic Count - All Traffic
Hollywood Blvd and N20th Ave
Hollywood, FL

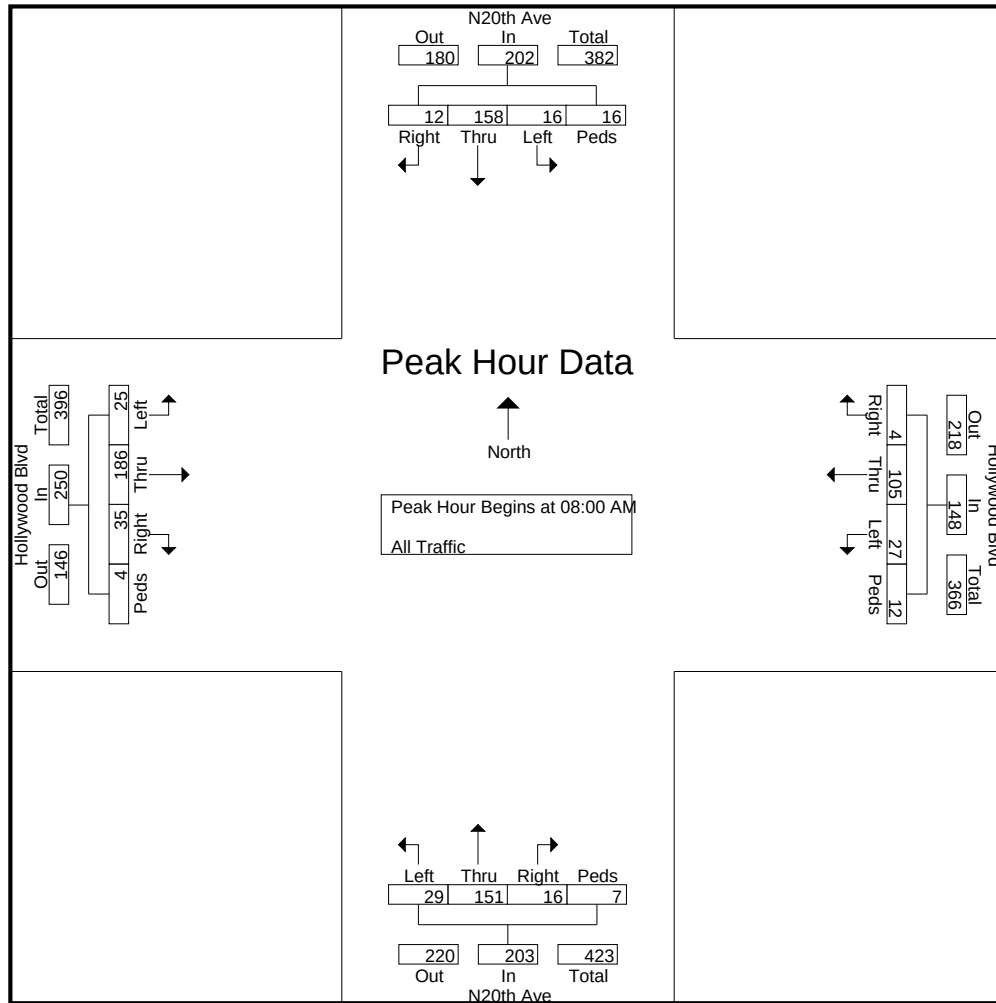
File Name : HOL20
Site Code : JO1930
Start Date : 9/17/2019
Page No : 1

Groups Printed- All Traffic

Start Time	N20th Ave NB					N20th Ave SB					Hollywood Blvd EB					Hollywood Blvd WB					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	0	26	8	0	34	0	22	0	2	24	5	28	1	1	35	0	20	2	0	22	115
07:15 AM	3	23	6	1	33	0	41	4	1	46	2	40	2	5	49	2	18	3	2	25	153
07:30 AM	2	36	6	5	49	1	56	8	3	68	2	42	3	2	49	2	25	4	1	32	198
07:45 AM	0	25	5	0	30	1	30	5	1	37	5	50	5	0	60	1	26	5	4	36	163
Total	5	110	25	6	146	2	149	17	7	175	14	160	11	8	193	5	89	14	7	115	629
08:00 AM	2	50	8	2	62	3	42	4	6	55	5	49	6	1	61	0	32	8	1	41	219
08:15 AM	3	43	9	1	56	2	47	5	4	58	10	39	5	2	56	1	31	10	8	50	220
08:30 AM	6	30	6	2	44	4	37	5	3	49	6	40	5	1	52	2	20	4	2	28	173
08:45 AM	5	28	6	2	41	3	32	2	3	40	14	58	9	0	81	1	22	5	1	29	191
Total	16	151	29	7	203	12	158	16	16	202	35	186	25	4	250	4	105	27	12	148	803
*** BREAK ***																					
04:00 PM	5	41	15	19	80	11	39	7	11	68	10	47	13	1	71	3	33	12	5	53	272
04:15 PM	5	43	7	3	58	4	31	1	2	38	4	39	6	1	50	1	41	10	3	55	201
04:30 PM	8	43	7	15	73	4	31	5	4	44	10	42	7	3	62	0	36	7	2	45	224
04:45 PM	5	43	13	19	80	4	25	6	4	39	15	60	11	4	90	5	26	10	2	43	252
Total	23	170	42	56	291	23	126	19	21	189	39	188	37	9	273	9	136	39	12	196	949
05:00 PM	2	60	8	14	84	8	43	4	3	58	3	71	16	6	96	5	49	9	10	73	311
05:15 PM	18	44	12	14	88	5	42	7	3	57	6	72	10	4	92	0	46	9	4	59	296
05:30 PM	9	47	10	1	67	7	45	11	2	65	5	56	5	3	69	2	46	12	3	63	264
05:45 PM	11	37	11	16	75	5	26	6	6	43	10	67	4	8	89	1	42	19	3	65	272
Total	40	188	41	45	314	25	156	28	14	223	24	266	35	21	346	8	183	49	20	260	1143
Grand Total	84	619	137	114	954	62	589	80	58	789	112	800	108	42	1062	26	513	129	51	719	3524
Apprch %	8.8	64.9	14.4	11.9		7.9	74.7	10.1	7.4		10.5	75.3	10.2	4		3.6	71.3	17.9	7.1		
Total %	2.4	17.6	3.9	3.2	27.1	1.8	16.7	2.3	1.6	22.4	3.2	22.7	3.1	1.2	30.1	0.7	14.6	3.7	1.4	20.4	

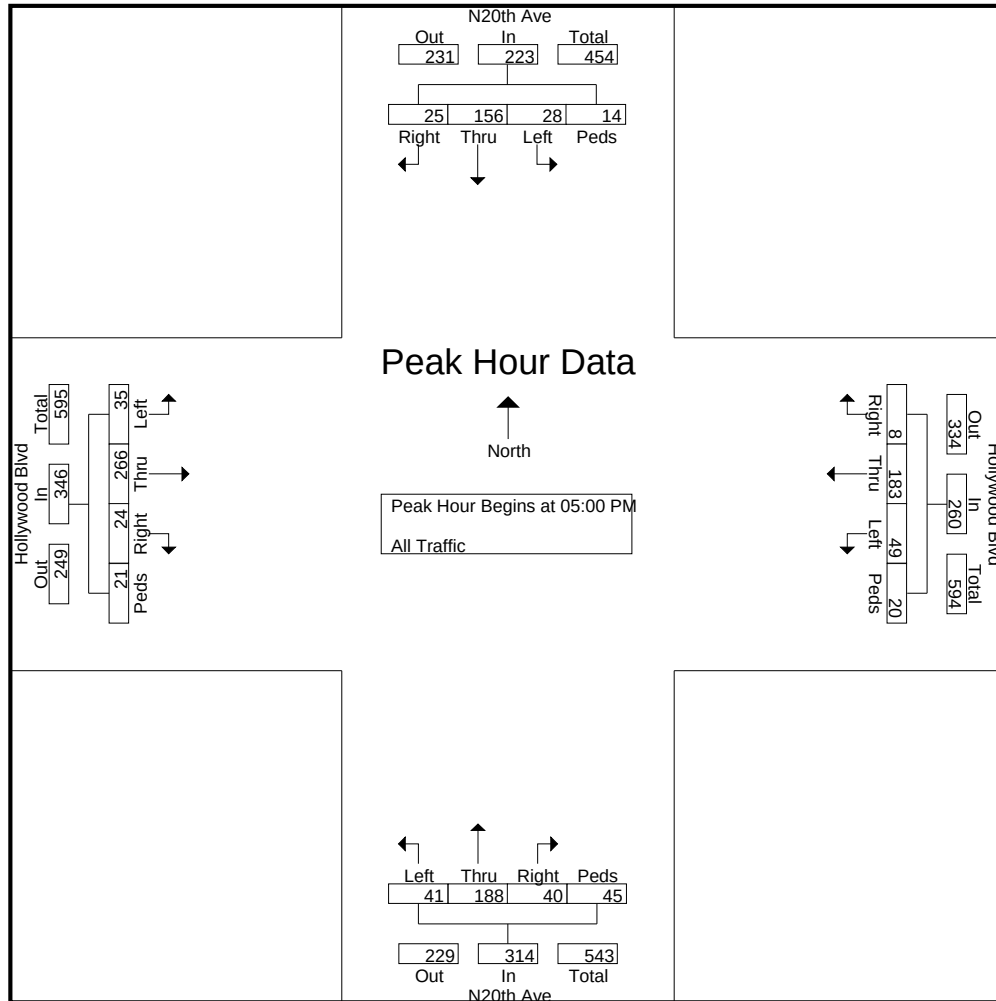
Manual Traffic Count - All Traffic
Hollywood Blvd and N20th Ave
Hollywood, FLFile Name : HOL20
Site Code : JO1930
Start Date : 9/17/2019
Page No : 2

	N20th Ave NB					N20th Ave SB					Hollywood Blvd EB					Hollywood Blvd WB					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	2	50	8	2	62	3	42	4	6	55	5	49	6	1	61	0	32	8	1	41	219
08:15 AM	3	43	9	1	56	2	47	5	4	58	10	39	5	2	56	1	31	10	8	50	220
08:30 AM	6	30	6	2	44	4	37	5	3	49	6	40	5	1	52	2	20	4	2	28	173
08:45 AM	5	28	6	2	41	3	32	2	3	40	14	58	9	0	81	1	22	5	1	29	191
Total Volume	16	151	29	7	203	12	158	16	16	202	35	186	25	4	250	4	105	27	12	148	803
% App. Total	7.9	74.4	14.3	3.4		5.9	78.2	7.9	7.9		14	74.4	10	1.6		2.7	70.9	18.2	8.1		
PHF	.667	.755	.806	.875	.819	.750	.840	.800	.667	.871	.625	.802	.694	.500	.772	.500	.820	.675	.375	.740	.913



Manual Traffic Count - All Traffic
Hollywood Blvd and N20th Ave
Hollywood, FLFile Name : HOL20
Site Code : JO1930
Start Date : 9/17/2019
Page No : 3

	N20th Ave NB					N20th Ave SB					Hollywood Blvd EB					Hollywood Blvd WB					
Start Time	Right	Thru	Left	Peds	App. Total	Rig ht	Thr u	Left	Ped s	App. Total	Rig ht	Thr u	Left	Ped s	App. Total	Rig ht	Thr u	Left	Ped s	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	2	60	8	14	84	8	43	4	3	58	3	71	16	6	96	5	49	9	10	73	311
05:15 PM	18	44	12	14	88	5	42	7	3	57	6	72	10	4	92	0	46	9	4	59	296
05:30 PM	9	47	10	1	67	7	45	11	2	65	5	56	5	3	69	2	46	12	3	63	264
05:45 PM	11	37	11	16	75	5	26	6	6	43	10	67	4	8	89	1	42	19	3	65	272
Total Volume	40	188	41	45	314	25	156	28	14	223	24	266	35	21	346	8	183	49	20	260	1143
% App. Total	12.7	59.9	13.1	14.3		11.2	70	12.6	6.3		6.9	76.9	10.1	6.1		3.1	70.4	18.8	7.7		
PHF	.556	.783	.854	.703	.892	.781	.867	.636	.583	.858	.600	.924	.547	.656	.901	.400	.934	.645	.500	.890	.919



TRAFFIC ENGINEERING DIVISION

SIGNALIZED INTERSECTION

LOCATION **HOLLYWOOD BLVD & N 20 AVENUE**

ORDER NO **CITY** ISSUE DATE **----** REV NO. **1** COMPLETION DATE **10/25/96**

DWG. NO. **06-02-05-01** FILE NO. **C-120** CITY **HOLLYWOOD** SCALE: **1" = 50'**

DWN BY: **LARRY**

NORTH

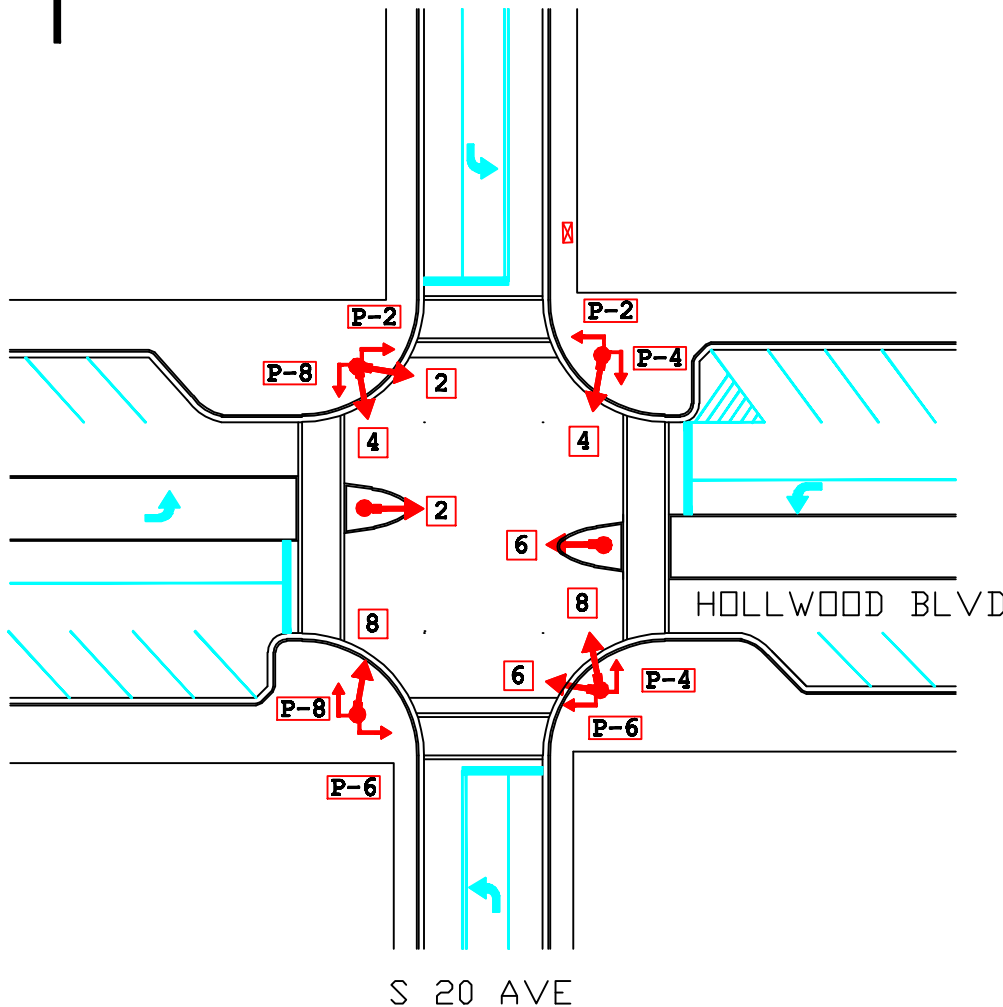


N 20 AVE

2 4 6 8



3-SECT
1-WAY
8-REQ'D



P-2 P-4 P-6 P-8



8-REQ'D

REBUILT BY CITY, DOWNTOWN RENOVATION

Critical Movement Analysis



Hollywood Boulevard & N 21st Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2019
Years	=	0

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	110	190	40	19	105	8	183	333	10	64	482	100
Peak Season Volume	114	198	42	20	109	8	190	346	10	67	501	104
2019 Historic Growth	114	198	42	20	109	8	190	346	10	67	501	104
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	114	198	42	20	109	8	190	346	10	67	501	104
% Project Traffic	20%	20%	-	-	40%	-	-	10%	10%	-	-	-
Project Traffic Direction	IN	IN	-	-	OUT	-	-	IN	IN	-	-	-
Project Traffic	0	0	-	-	0	-	-	0	0	-	-	-
2019 Total Traffic ¹	114	198	42	20	109	8	190	346	10	67	501	104

Critical Volume

No. of Lanes	1	1	-	1	1	-	1	2	1	1	2	-	
Approach Volume	354			137			546			672			
Per Lane Volume ²	114	240	-	20	117	-	190	173	0	67	303	-	
North-South Critical	EB LT + WB TH = 231			WB LT + EB TH = 260									
East-West Critical	NB LT + SB TH = 493			SB LT + NB TH = 240									
Maximum Critical Sum	260			+	493	=	753						

Status?

OK

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	87	224	21	44	195	23	209	405	19	85	497	87
Peak Season Volume	90	233	22	46	203	24	217	421	20	88	517	90
2019 Historic Growth	90	233	22	46	203	24	217	421	20	88	517	90
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	90	233	22	46	203	24	217	421	20	88	517	90
% Project Traffic	20%	20%	-	-	40%	-	-	10%	10%	-	-	-
Project Traffic Direction	IN	IN	-	-	OUT	-	-	IN	IN	-	-	-
Project Traffic	0	0	-	-	0	-	-	0	0	-	-	-
2019 Total Traffic ¹	90	233	22	46	203	24	217	421	20	88	517	90

Critical Volume

No. of Lanes	1	1	-	1	1	-	1	2	1	1	2	-
Approach Volume	345			273			658			695		
Per Lane Volume ²	90	255	-	46	227	-	217	211	0	88	304	-
North-South Critical	EB LT + WB TH = 317			WB LT + EB TH = 301			SB LT + NB TH = 299					
East-West Critical	NB LT + SB TH = 521											
Maximum Critical Sum	317			+	521	=	838					

Status?

OK

Critical Movement Analysis



Hollywood Boulevard & N 21st Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
0	0	0	0	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	110	190	40	19	105	8	183	333	10	64	482	100
Peak Season Volume	114	198	42	20	109	8	190	346	10	67	501	104
2022 Historic Growth	117	204	43	21	112	8	195	356	10	69	515	107
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	117	204	43	21	112	8	196	356	10	69	516	107
% Project Traffic	20%	20%	-	-	40%	-	-	10%	10%	-	-	-
Project Traffic Direction	IN	IN	-	-	OUT	-	-	IN	IN	-	-	-
Project Traffic	0	0	-	-	0	-	-	0	0	-	-	-
2022 Total Traffic ¹	117	204	43	21	112	8	196	356	10	69	516	107

Critical Volume

No. of Lanes	1	1	-	1	1	-	1	2	1	1	2	-
Approach Volume	364			141			562			692		
Per Lane Volume ²	117	247	-	21	120	-	196	178	0	69	312	-
North-South Critical	EB LT +			WB TH = 237			WB LT +			EB TH = 268		
East-West Critical	NB LT +			SB TH = 508			SB LT +			NB TH = 247		
Maximum Critical Sum	268			+ 508			= 776					

Status?

OK

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	87	224	21	44	195	23	209	405	19	85	497	87
Peak Season Volume	90	233	22	46	203	24	217	421	20	88	517	90
2022 Historic Growth	93	240	23	47	209	25	223	433	21	91	532	93
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	93	240	23	47	209	25	224	434	21	91	533	93
% Project Traffic	20%	20%	-	-	40%	-	-	10%	10%	-	-	-
Project Traffic Direction	IN	IN	-	-	OUT	-	-	IN	IN	-	-	-
Project Traffic	0	0	-	-	0	-	-	0	0	-	-	-
2022 Total Traffic ¹	93	240	23	47	209	25	224	434	21	91	533	93

Critical Volume

No. of Lanes	1	1	-	1	1	-	1	2	1	1	2	-
Approach Volume	356			281			679			717		
Per Lane Volume ²	93	263	-	47	234	-	224	217	0	91	313	-
North-South Critical	EB LT +			WB TH = 327			WB LT +			EB TH = 310		
East-West Critical	NB LT +			SB TH = 537			SB LT +			NB TH = 308		
Maximum Critical Sum	327			+ 537			= 864					

Status?

OK

Critical Movement Analysis



Hollywood Boulevard & N 21st Avenue Soleste Hollywood

Input Data

GR	=	0.95%
Peak Season	=	1.04
Traffic Count Year	=	2019
Buildout Year	=	2022
Years	=	3

AM Peak Hour		PM Peak Hour		Fiori Village
In	Out	In	Out	
44	100	129	98	350 Apartments 28,838 SF of Retail

AM Peak Hour

AM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	110	190	40	19	105	8	183	333	10	64	482	100
Peak Season Volume	114	198	42	20	109	8	190	346	10	67	501	104
2022 Historic Growth	117	204	43	21	112	8	195	356	10	69	515	107
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	117	204	43	21	112	8	196	356	10	69	516	107
% Project Traffic	20%	20%	-	-	40%	-	-	10%	10%	-	-	-
Project Traffic Direction	IN	IN	-	-	OUT	-	-	IN	IN	-	-	-
Project Traffic	9	9	-	-	40	-	-	4	4	-	-	-
2022 Total Traffic ¹	126	213	43	21	152	8	196	360	14	69	516	107

Critical Volume

No. of Lanes	1	1	-	1	1	-	1	2	1	1	2	-
Approach Volume	382			181			571			692		
Per Lane Volume ²	126	256	-	21	160	-	196	180	0	69	312	-
North-South Critical	EB LT +			WB TH = 286			WB LT +			EB TH = 277		
East-West Critical	NB LT +			SB TH = 508			SB LT +			NB TH = 249		
Maximum Critical Sum	286			+ 508			= 794					

Status?

OK

PM Peak Hour

PM	Eastbound			Westbound			Northbound			Southbound		
	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT	LT	Thru	RT
Volume 17-Sep-19	87	224	21	44	195	23	209	405	19	85	497	87
Peak Season Volume	90	233	22	46	203	24	217	421	20	88	517	90
2022 Historic Growth	93	240	23	47	209	25	223	433	21	91	532	93
Major Project Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Major Project Traffic + 1% growth	93	240	23	47	209	25	224	434	21	91	533	93
% Project Traffic	20%	20%	-	-	40%	-	-	10%	10%	-	-	-
Project Traffic Direction	IN	IN	-	-	OUT	-	-	IN	IN	-	-	-
Project Traffic	26	26	-	-	39	-	-	13	13	-	-	-
2022 Total Traffic ¹	119	266	23	47	248	25	224	447	34	91	533	93

Critical Volume

No. of Lanes	1	1	-	1	1	-	1	2	1	1	2	-
Approach Volume	408			320			705			717		
Per Lane Volume ²	119	289	-	47	273	-	224	223	0	91	313	-
North-South Critical	EB LT +			WB TH = 392			WB LT +			EB TH = 336		
East-West Critical	NB LT +			SB TH = 537			SB LT +			NB TH = 314		
Maximum Critical Sum	392			+ 537			= 929					

Status?

OK

KMF Traffic Group, LLC
www.kmftraffic.net - Stuart, FL
(772) 221-7971

Manual Traffic Count - All Traffic
Dixie Hwy and Hollywood Blvd
Hollywood, FL

File Name : DIXHOL
Site Code : JO1930
Start Date : 9/17/2019
Page No : 1

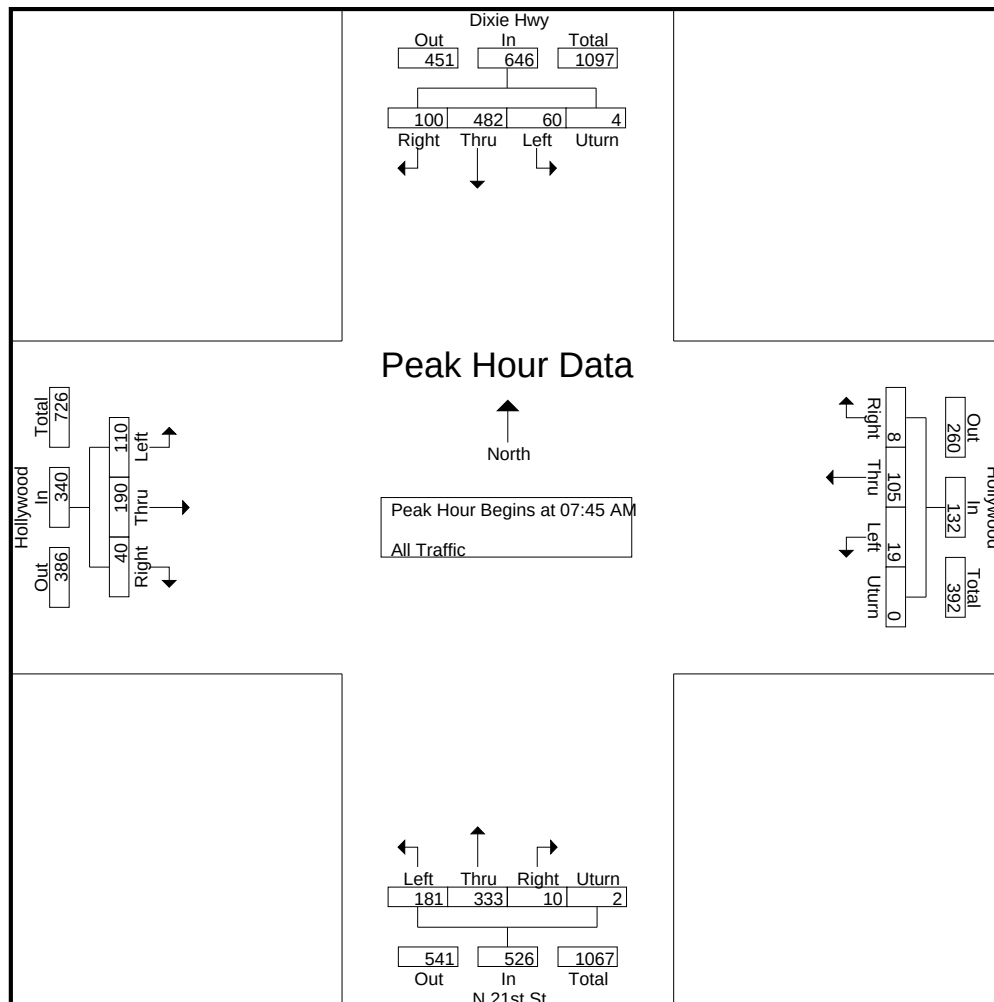
Groups Printed- All Traffic

	N 21st St NB					Dixie Hwy SB					Hollywood EB				Hollywood WB					
Start Time	Right	Thru	Left	Uturn	App. Total	Right	Thru	Left	Uturn	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	Uturn	App. Total	Int. Total
07:00 AM	4	68	32	0	104	13	50	14	3	80	3	25	9	37	1	24	1	0	26	247
07:15 AM	4	77	34	0	115	13	76	11	1	101	5	45	17	67	0	25	2	0	27	310
07:30 AM	2	79	45	0	126	12	81	9	0	102	2	44	23	69	2	21	8	0	31	328
07:45 AM	1	81	66	0	148	19	133	21	2	175	5	47	25	77	4	22	5	0	31	431
Total	11	305	177	0	493	57	340	55	6	458	15	161	74	250	7	92	16	0	115	1316
08:00 AM	2	124	30	0	156	24	91	17	0	132	11	48	17	76	2	23	2	0	27	391
08:15 AM	5	87	31	2	125	21	133	11	0	165	12	48	30	90	2	30	6	0	38	418
08:30 AM	2	41	54	0	97	36	125	11	2	174	12	47	38	97	0	30	6	0	36	404
08:45 AM	1	74	31	0	106	35	138	10	0	183	7	48	30	85	0	29	4	0	33	407
Total	10	326	146	2	484	116	487	49	2	654	42	191	115	348	4	112	18	0	134	1620
*** BREAK ***																				
04:00 PM	5	71	30	0	106	37	106	22	3	168	0	49	18	67	10	40	6	1	57	398
04:15 PM	7	75	36	2	120	40	84	8	3	135	2	65	21	88	3	47	4	0	54	397
04:30 PM	8	75	35	0	118	33	103	8	3	147	2	48	26	76	3	34	6	1	44	385
04:45 PM	2	80	52	2	136	23	127	17	2	169	3	53	14	70	9	46	2	0	57	432
Total	22	301	153	4	480	133	420	55	11	619	7	215	79	301	25	167	18	2	212	1612
05:00 PM	7	88	53	4	152	17	126	19	3	165	5	52	33	90	3	61	14	1	79	486
05:15 PM	5	114	49	3	171	21	124	21	2	168	10	57	19	86	5	53	11	0	69	494
05:30 PM	5	123	42	4	174	26	120	20	1	167	3	62	21	86	6	35	15	1	57	484
05:45 PM	11	88	34	5	138	19	110	13	1	143	1	35	22	58	2	47	4	0	53	392
Total	28	413	178	16	635	83	480	73	7	643	19	206	95	320	16	196	44	2	258	1856
Grand Total	71	1345	654	22	2092	389	1727	232	26	2374	83	773	363	1219	52	567	96	4	719	6404
Apprch %	3.4	64.3	31.3	1.1		16.4	72.7	9.8	1.1		6.8	63.4	29.8		7.2	78.9	13.4	0.6		
Total %	1.1	21	10.2	0.3	32.7	6.1	27	3.6	0.4	37.1	1.3	12.1	5.7	19	0.8	8.9	1.5	0.1	11.2	

Manual Traffic Count - All Traffic
Dixie Hwy and Hollywood Blvd
Hollywood, FL

File Name : DIXHOL
Site Code : JO1930
Start Date : 9/17/2019
Page No : 2

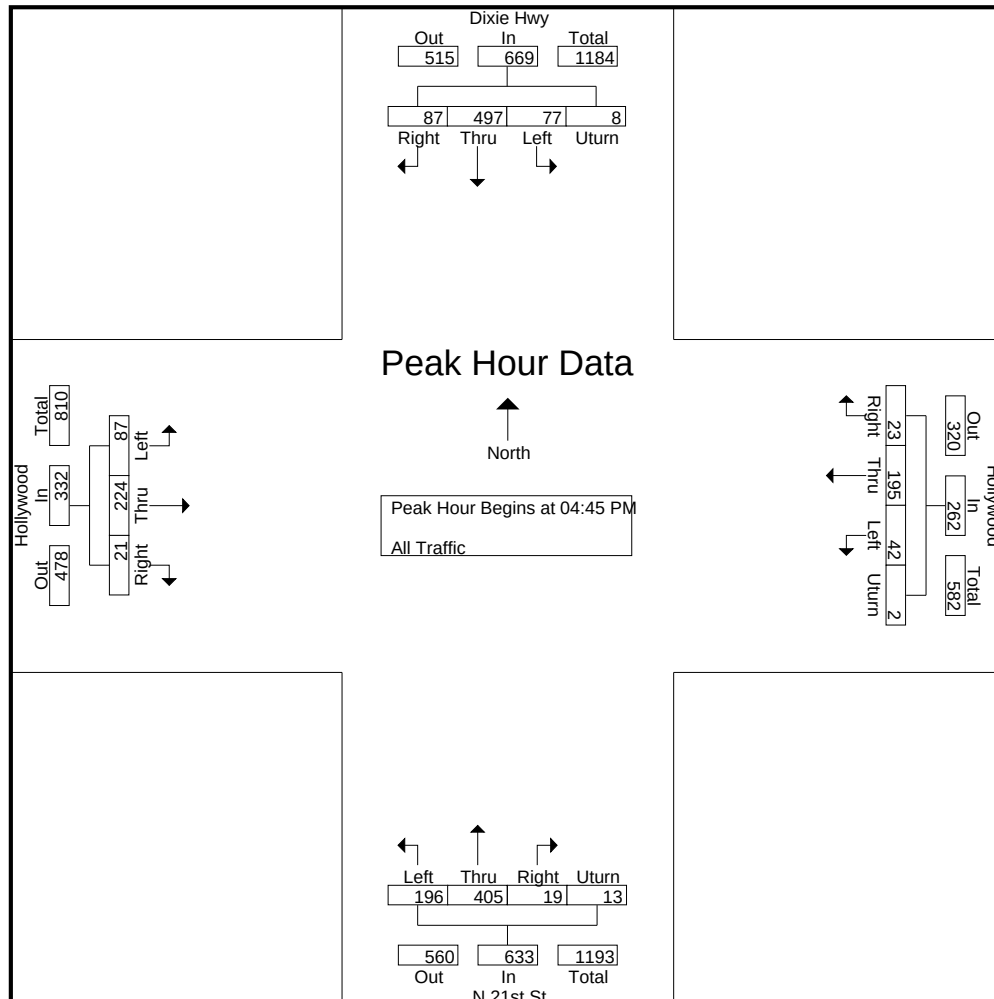
	N 21st St NB					Dixie Hwy SB					Hollywood EB				Hollywood WB					
Start Time	Right	Thru	Left	Uturn	App. Total	Right	Thru	Left	Uturn	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	Uturn	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																				
Peak Hour for Entire Intersection Begins at 07:45 AM																				
07:45 AM	1	81	66	0	148	19	133	21	2	175	5	47	25	77	4	22	5	0	31	431
08:00 AM	2	124	30	0	156	24	91	17	0	132	11	48	17	76	2	23	2	0	27	391
08:15 AM	5	87	31	2	125	21	133	11	0	165	12	48	30	90	2	30	6	0	38	418
08:30 AM	2	41	54	0	97	36	125	11	2	174	12	47	38	97	0	30	6	0	36	404
Total Volume	10	333	181	2	526	100	482	60	4	646	40	190	110	340	8	105	19	0	132	1644
% App. Total	1.9	63.3	34.4	0.4		15.5	74.6	9.3	0.6		11.8	55.9	32.4		6.1	79.5	14.4	0		
PHF	.500	.671	.686	.250	.843	.694	.906	.714	.500	.923	.833	.990	.724	.876	.500	.875	.792	.000	.868	.954



Manual Traffic Count - All Traffic
Dixie Hwy and Hollywood Blvd
Hollywood, FL

File Name : DIXHOL
Site Code : JO1930
Start Date : 9/17/2019
Page No : 3

	N 21st St NB					Dixie Hwy SB					Hollywood EB				Hollywood WB					
Start Time	Right	Thru	Left	Uturn	App. Total	Right	Thru	Left	Uturn	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	Uturn	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																				
Peak Hour for Entire Intersection Begins at 04:45 PM																				
04:45 PM	2	80	52	2	136	23	127	17	2	169	3	53	14	70	9	46	2	0	57	432
05:00 PM	7	88	53	4	152	17	126	19	3	165	5	52	33	90	3	61	14	1	79	486
05:15 PM	5	114	49	3	171	21	124	21	2	168	10	57	19	86	5	53	11	0	69	494
05:30 PM	5	123	42	4	174	26	120	20	1	167	3	62	21	86	6	35	15	1	57	484
Total Volume	19	405	196	13	633	87	497	77	8	669	21	224	87	332	23	195	42	2	262	1896
% App. Total	3	64	31	2.1		13	74.3	11.5	1.2		6.3	67.5	26.2		8.8	74.4	16	0.8		
PHF	.679	.823	.925	.813	.909	.837	.978	.917	.667	.990	.525	.903	.659	.922	.639	.799	.700	.500	.829	.960



TRAFFIC ENGINEERING DIVISION

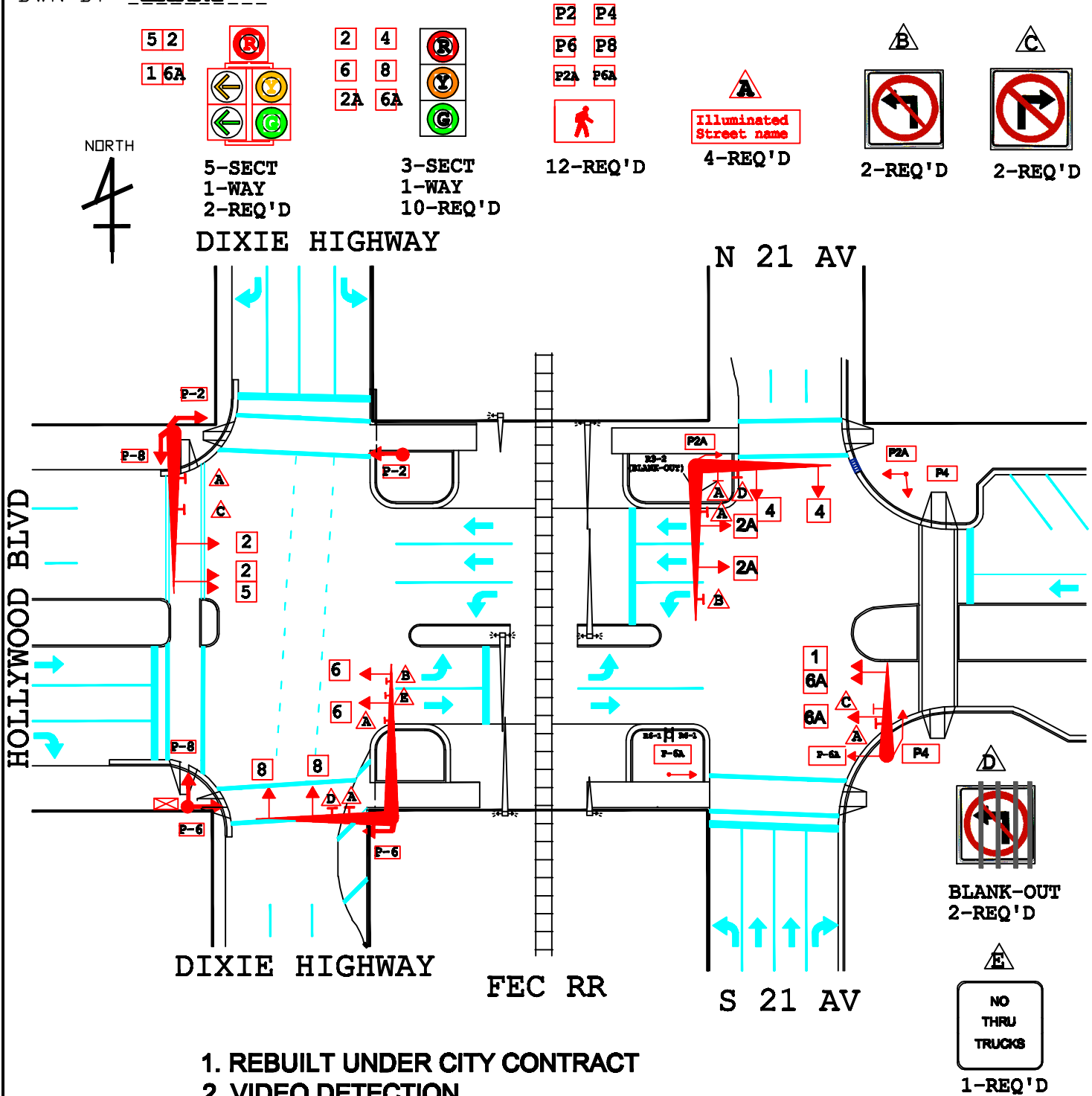
SIGNALIZED INTERSECTION

LOCATION **HOLLYWOOD BLVD & 21 AVE/DIXIE HIGHWAY**

ORDER NO. **CITY** ISSUE DATE ---- REV. NO. **3** COMPLETION DATE **4/10/03**

DWG. NO. **06-03-07-01** FILE NO. **C-122** CITY **HOLLYWOOD** SCALE: **1" = 50'**

DWN BY: **LARRY**



2018 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
 CATEGORY: 8601 CEN.-W OF US1 TO SR7

WEEK	DATES	SF	MOCF: 0.98 PSCF
1	01/01/2018 - 01/06/2018	1.00	1.02
2	01/07/2018 - 01/13/2018	1.01	1.03
3	01/14/2018 - 01/20/2018	1.01	1.03
4	01/21/2018 - 01/27/2018	1.00	1.02
* 5	01/28/2018 - 02/03/2018	0.99	1.01
* 6	02/04/2018 - 02/10/2018	0.97	0.99
* 7	02/11/2018 - 02/17/2018	0.96	0.98
* 8	02/18/2018 - 02/24/2018	0.96	0.98
* 9	02/25/2018 - 03/03/2018	0.96	0.98
*10	03/04/2018 - 03/10/2018	0.97	0.99
*11	03/11/2018 - 03/17/2018	0.97	0.99
*12	03/18/2018 - 03/24/2018	0.97	0.99
*13	03/25/2018 - 03/31/2018	0.98	1.00
*14	04/01/2018 - 04/07/2018	0.98	1.00
*15	04/08/2018 - 04/14/2018	0.98	1.00
*16	04/15/2018 - 04/21/2018	0.99	1.01
*17	04/22/2018 - 04/28/2018	1.00	1.02
18	04/29/2018 - 05/05/2018	1.01	1.03
19	05/06/2018 - 05/12/2018	1.02	1.04
20	05/13/2018 - 05/19/2018	1.03	1.05
21	05/20/2018 - 05/26/2018	1.03	1.05
22	05/27/2018 - 06/02/2018	1.03	1.05
23	06/03/2018 - 06/09/2018	1.02	1.04
24	06/10/2018 - 06/16/2018	1.02	1.04
25	06/17/2018 - 06/23/2018	1.02	1.04
26	06/24/2018 - 06/30/2018	1.02	1.04
27	07/01/2018 - 07/07/2018	1.02	1.04
28	07/08/2018 - 07/14/2018	1.03	1.05
29	07/15/2018 - 07/21/2018	1.03	1.05
30	07/22/2018 - 07/28/2018	1.02	1.04
31	07/29/2018 - 08/04/2018	1.02	1.04
32	08/05/2018 - 08/11/2018	1.01	1.03
33	08/12/2018 - 08/18/2018	1.01	1.03
34	08/19/2018 - 08/25/2018	1.01	1.03
35	08/26/2018 - 09/01/2018	1.02	1.04
36	09/02/2018 - 09/08/2018	1.02	1.04
37	09/09/2018 - 09/15/2018	1.03	1.05
38	09/16/2018 - 09/22/2018	1.02	1.04
39	09/23/2018 - 09/29/2018	1.01	1.03
40	09/30/2018 - 10/06/2018	1.01	1.03
41	10/07/2018 - 10/13/2018	1.00	1.02
42	10/14/2018 - 10/20/2018	1.00	1.02
43	10/21/2018 - 10/27/2018	1.00	1.02
44	10/28/2018 - 11/03/2018	1.00	1.02
45	11/04/2018 - 11/10/2018	1.01	1.03
46	11/11/2018 - 11/17/2018	1.01	1.03
47	11/18/2018 - 11/24/2018	1.01	1.03
48	11/25/2018 - 12/01/2018	1.01	1.03
49	12/02/2018 - 12/08/2018	1.00	1.02
50	12/09/2018 - 12/15/2018	1.00	1.02
51	12/16/2018 - 12/22/2018	1.01	1.03
52	12/23/2018 - 12/29/2018	1.01	1.03
53	12/30/2018 - 12/31/2018	1.01	1.03

* PEAK SEASON

25-FEB-2019 16:26:26

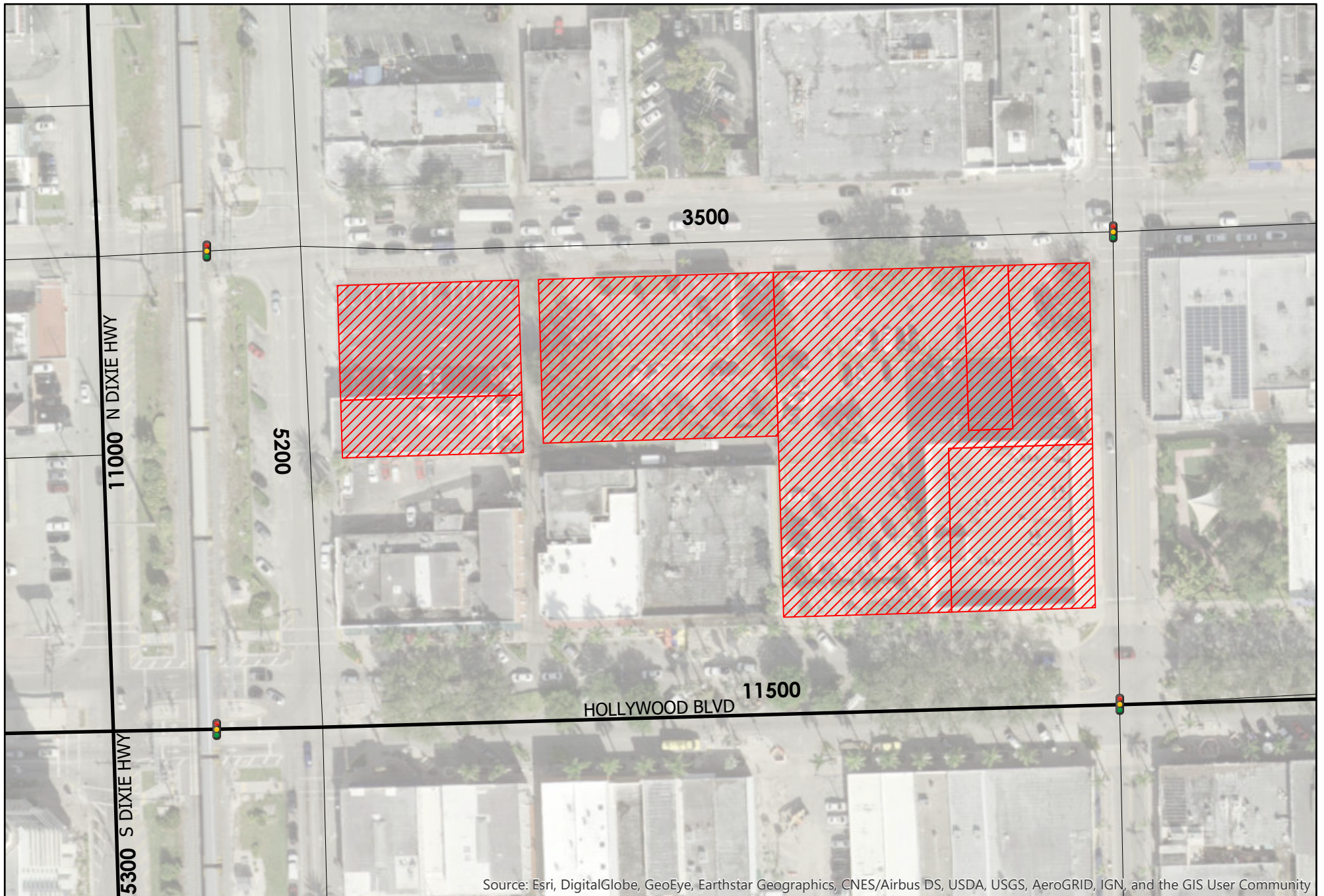
830UPD

4_8601_PKSEASON.TXT

Soleste Hollywood Area Wide Growth Rate

Roadway	From	To	FDOT	
			2015	2018
N Dixie Hwy	Hollywood Blvd	Tyler St	11,000	11,000
N 21st Ave	Hollywood Blvd	Tyler St	5,200	3,500
Hollywood Blvd	N 21st Ave	N 20th Ave	11,500	9,800
Tyler St	N 21st Ave	N 20th Ave	3,500	7,800
		Σ	31,200	32,100

Base Year (Σ 2015 from F-DOT)	31,200
Future Year (Σ 2018 from F-DOT)	32,100
Area Wide Growth	0.95%



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Number of Lanes

2 3 4 5 6 8

Project Site

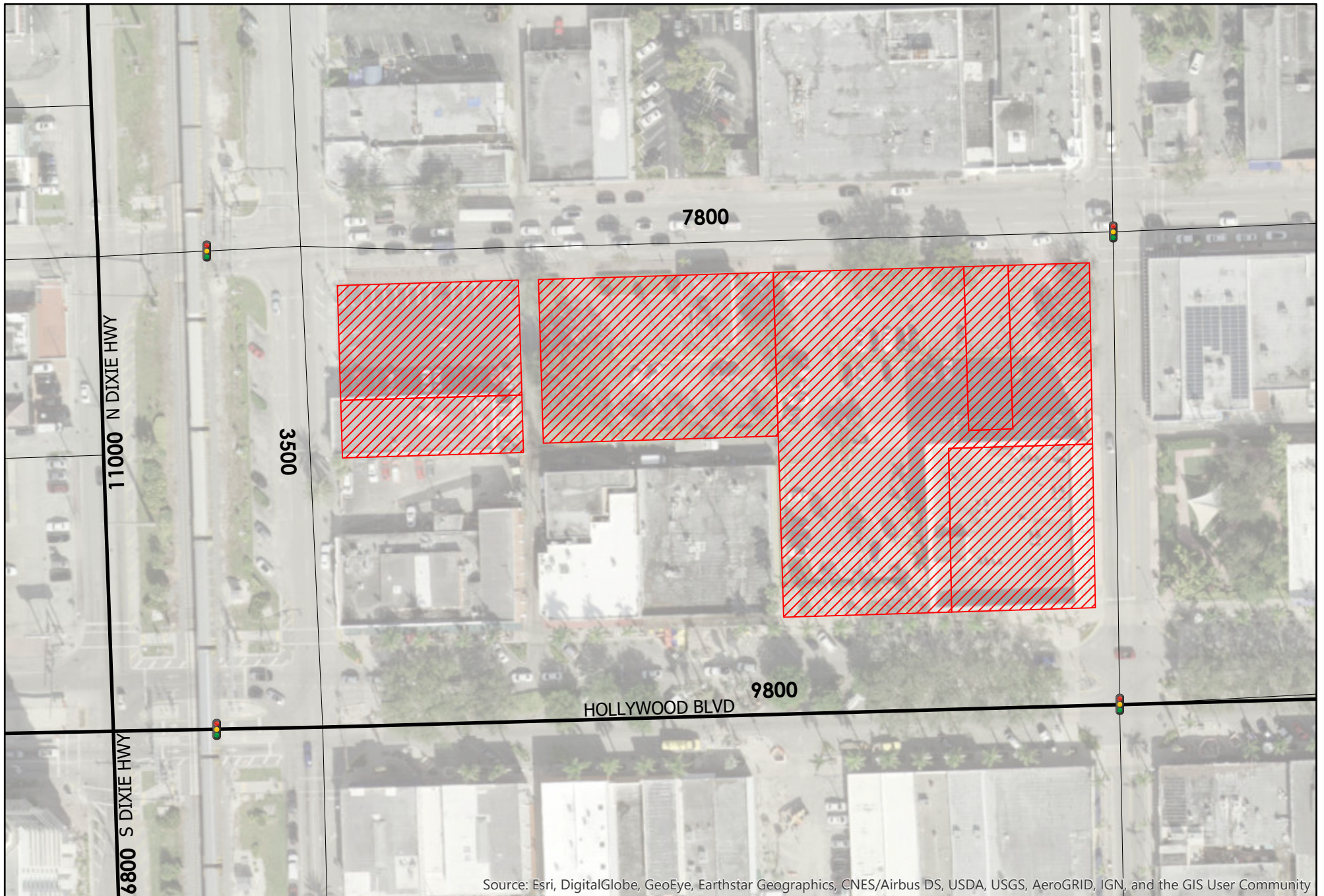
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Miles

Figure 2:
2015 AADT
Soleste Hollywood





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Number of Lanes

2 3 4 5 6 8

Project Site

0.01 0 0 0.01 0.02 0.03 0.04



Miles

Figure 2:
2018 AADT
Soleste Hollywood

