City of Tampa
Road Safety Audits

Palm Avenue
from Nuccio Parkway to 20th Street

PROFESSIONAL ENGINEERING SERVICES
TRANSPORTATION DEPARTMENT

WORK ORDER NO.: 37

DRAFT

May 2014

Metzger+Willard, INC.
Civil + Environmental Engineers + Surveyors

BAYSIDE ENGINEERING
BEI No. 200-007.002

ROAD SAFETY AUDIT

Palm Avenue

from Nuccio Parkway to 20th Street

PALM AVENUE

Project Title: Palm Avenue from Nuccio Parkway to 20th Street

Field Review Date: April 2, 2014
Reviewed by: Jordan L Caviggia, PE
Carlos A Ramirez, PE, PTOE
Project Characteristics:
Audit Type: Existing Road
Adjacent Land Use: Mixed
Posted Speed Limit: 35
Opposite Flow Separation: Divided (median)
Service Function: Collector
Terrain: Flat
Climatic Conditions: Clear, hot, dry

Executive Summary:
This 0.61 mile section of Palm Avenue is a four-lane divided collector within the City of Tampa limits in Hillsborough County. Below is a summary of the issues found within the project limits:

- Improper/missing curb cut ramps
- Missing/improper detectable surfaces
- Improper/missing crosswalks
- Faded pavement markings
- Trip hazards on sidewalk and asphalt path
- Sight distance
- Mid-block crossing placement

Background:
This Road Safety Audit (RSA) was performed by Bayside Engineering for the City of Tampa to identify existing safety issues within the identified project limits. The intent of this audit is to identify apparent operational and safety-related issues to be considered by the City as they program future projects. The audit was performed based on FHWA Road Safety Audit Guidelines (Publication No. FHWA-SA-06-06).

There are number of different traffic and pedestrian generators along this section of roadway. Hillsborough Community College (HCC), the Haciendas de Ybor Retirement Apartments, The Quarter at Ybor Apartments, bus stops, and several business create origins and destinations in a condensed area. HCC, in particular, is showing concern for their students crossing Palm Avenue. There have been two pedestrian crashes in the past 3 years. Both pedestrians were in the crosswalks, which reinforces the concern for pedestrian safety. While on our field review we took special attention to safety aspects concerning the existing mid-block crossing.

Field Review:
The RSA team conducted a site review and noted and documented (photographs) issues throughout the project limits. Both directions of traffic were reviewed and all movements were addressed. At intersections, these movements were reviewed for conflict points between vehicles as well as conflicts

with pedestrians, cyclists, and transit where applicable. In addition to pedestrian facilities at intersections, all sidewalk and path facilities were reviewed.

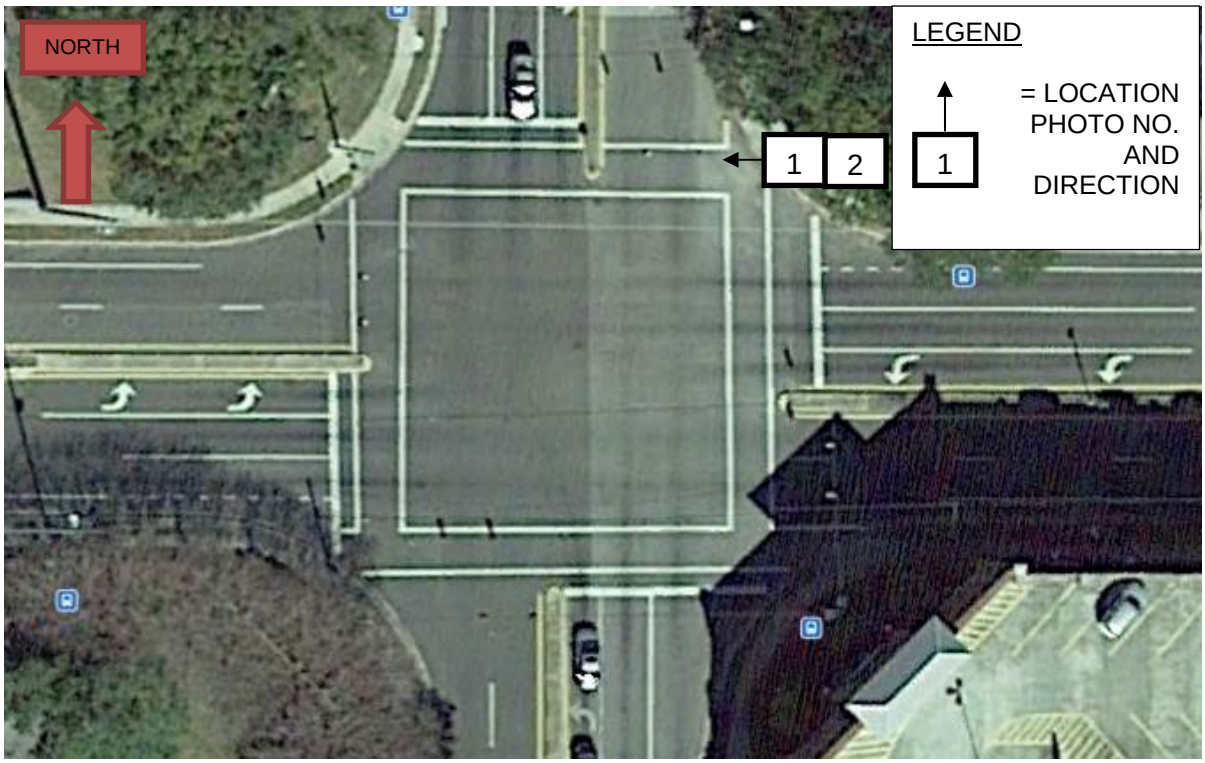
Audit Analysis:
Following field review of existing conditions, the information gathered was revised by the RSA team using federal standards such as MUTCD and NCHRP reports, and state and local design policies, standards, and manuals. Based on these reviews, this report was developed to provide guidance to the City on the level of risk associated with the various safety issues and corrective measures for the issues identified. The team evaluated risk and prioritized safety issues in the following categories:

- Immediate improvements - Safety or operational issues that require action within the next two (2) fiscal years.
- Short-term improvements - Safety or operational issues that should be programmed as a stand-alone project or as part of another project to be constructed within the next two (2) to four (4) fiscal years.
- Mid-term improvements - Safety or operational issues that should be programmed as part of another project that will be constructed in the next four (4) to six (6) fiscal years.
- Long-term improvements - Safety or operational issues that would incur substantial costs associated with geometric changes or the acquisition of right-of-way or are inhibited by other constraints. These issues should be documented and considered in future projects allowing for improvements within the scope of the project. Note that these projects maybe completed at any time but probably need to be part of another improvement project.

Project Location Map
N.T.S.

PROJECT FINDINGS

Location 1 - Intersection of Palm Avenue at Nuccio Parkway



Existing Condition: Non-standard Curb Ramps and Crosswalks (Short/ Mid Term)

Location 1, Photo 1

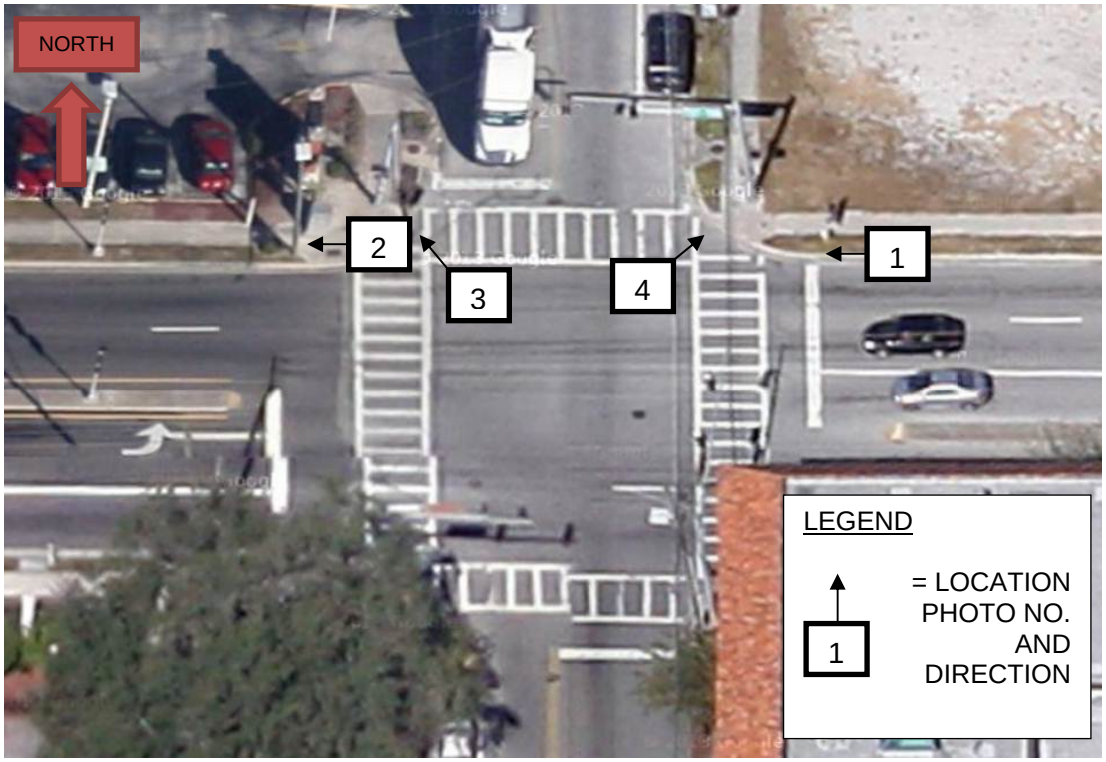
Description of Safety Issues: The existing curb ramps at this location are single point ramps at all four corners and have the following deficiencies or safety issues:

- Oriented such that they do not direct users in the direction of travel
- Lack detectable warning to alert a visually impaired user that they are entering the travel lane
- The northwest corner ramp is not fully located within the existing cross-walk
- The existing cross-walks are not standard
- The northern leg on Nuccio Parkway is partially obstructed by a traffic separator

Location 1, Photo 2

Suggestion: It is suggested as a short term improvement is the addition of detectable warning surfaces to the existing ramps at all four corners. This will at a minimum alert visually impaired users that they are leaving the sidewalk and entering the travel lanes. A mid-term solution would be to reconstruct the corners such that there are two ramps per corner with one to provide access in each direction. This would also allow for the detectable warning surfaces to be added to the new ramps. This new construction should accompany new crosswalk striping (8' recommended width). Currently the crosswalks lead the pedestrian to the stop bar. A modification to traffic separators on Nuccio Parkway may be necessary to allow for unobstructed crosswalks.

Location 2 - Intersection of Palm Avenue at North 15th Street



Existing Condition: Non-standard Curb Ramps (Short/Mid Term)

Location 2, Photo 1

Description of Safety Issues: The existing curb ramps at this location are single point ramps at all four corners and have the following deficiencies or safety issues:

- Single access ramps at midpoint of curb radius
- Lack detectable warning to alert a visually impaired user that they are entering the travel lane

Suggestion: It is suggested as a short term improvement that detectable warning surfaces be added to all four ramps at this location to alert visually impaired users that they are exiting the sidewalk and entering the travel lanes.

A long term suggestion to be done concurrently with a future roadway or enhancement project would be to reconstruct the corners such that there are two ramps per corner with one to provide access in each direction.

Location 2, Photo 2

Description of Safety Issues: An existing controller cabinet is restricting (less than 36”) the width of the sidewalk landing and travel way.

Suggestion: It is suggested as a midterm improvement that either the controller be relocated to allow for a 36” clear path on the sidewalk, or if more cost effective the adjacent wooden utility pole be relocated and additional concrete sidewalk be provided to allow for a 36” clear path.

Location 2, Photo 3

Location 2, Photo 4

Description of Safety Issues: Two existing mast arms are restricting the width (less than 36”) of the sidewalk landing (less than 48”) and travel way.

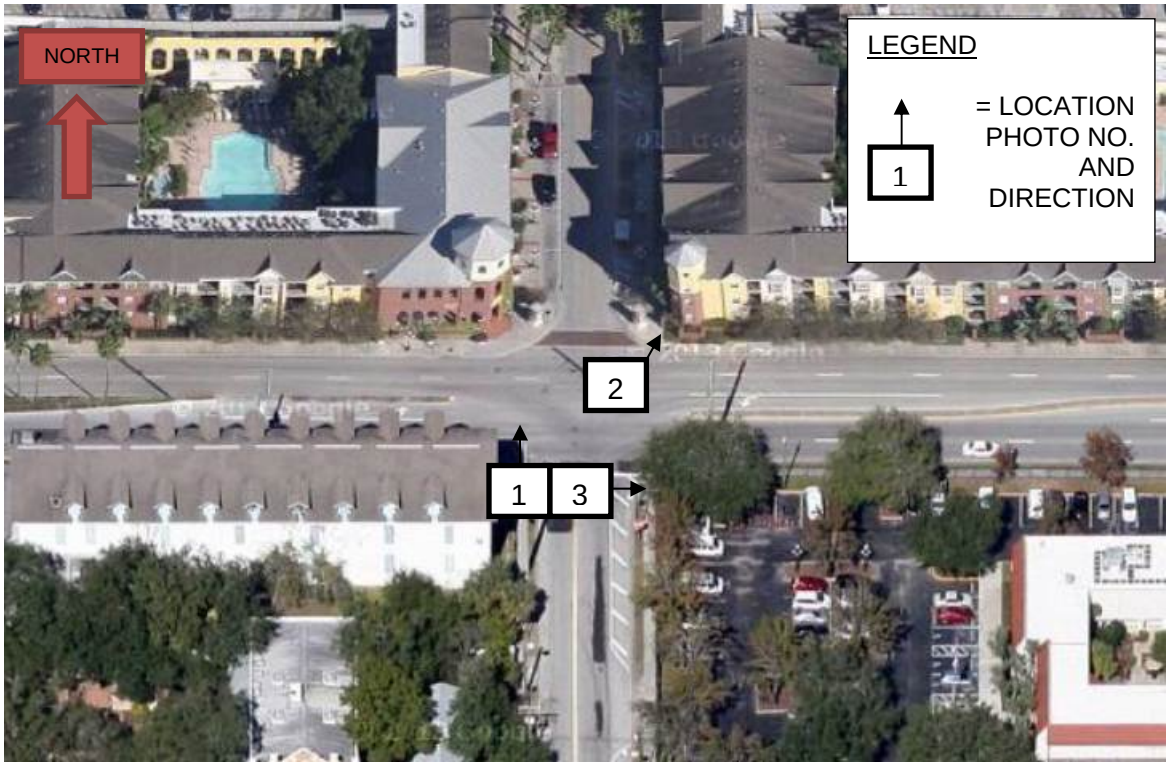
Suggestion: It is suggested as a short term improvement that the adjacent utility strips be modified to concrete sidewalks to allow for a clear path to traverse around the poles. A suggested midterm improvement would be to relocated the mast arms and provide both the clear landing and sidewalk width, but ADA compliant button locations.

Note that suggested improvements to the curb ramps at these locations would also impact these suggested improvements.

Description of Safety Issues: Clearance pedestrian timings are not responding to buttons.

Suggestion: As a short term improvement, the signal timings need to be reviewed and made sure they are implemented in the field. Conformance to the new procedures for calculating pedestrian and vehicle clearance timings will need to be met.

Location 3 - Intersection of Palm Avenue at North 19th Street



Location 3, Photo 1

Location 3, Photo 2

Description of Safety Issues: The existing curb ramps at this intersection do not have detectable warning surfaces to alert visually impaired users that they are leaving the sidewalk and entering the travel lanes. These ramps are also single point ramps at the center of the curb radius and direct users into the intersection not across the 19th Street.

Suggestion: It is suggested as a short term improvement that detectable warning surfaces be added to all four ramps at this location to alert visually impaired users that they are exiting the sidewalk and entering the travel lanes.

A long term suggestion to be done concurrently with a future roadway or enhancement project would be to reconstruct the corners such that there is a ramp for each crosswalk location (see below) and in line with the direction of the crossing.

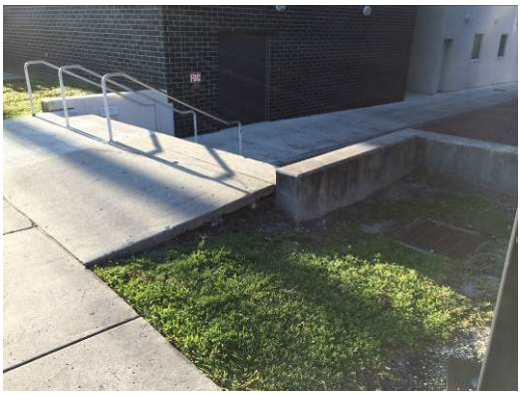
Location 3, Photo 3

Description of Safety Issues: Lack of Crosswalks.

Suggestion: Add crosswalk (8' width recommended) and relocate stop bar back behind new crosswalk.

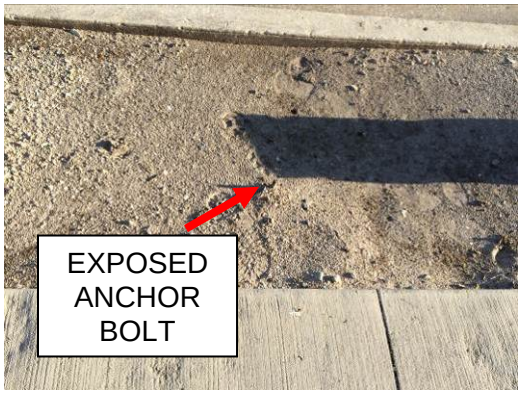
Project Wide Miscellaneous Items

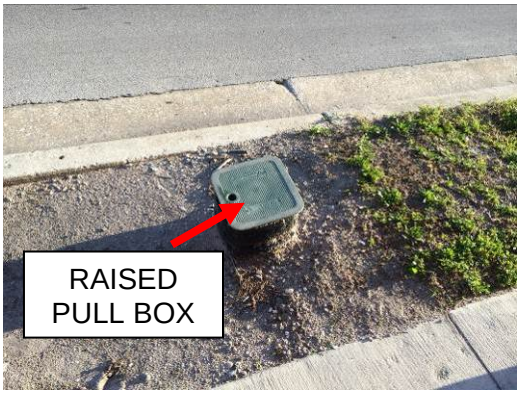
Description of Safety Issues: Guy wire lacking protective sleeve to prevent injury if accidently hit by pedestrian or cyclist.
Suggestion: A short term improvement would be to have facility owners noticed of this situation so that they may add a protective sleeve.



Description of Safety Issues: There are areas where a drop off at the back of sidewalk exists that could be a trip hazards for pedestrians or cyclist not anticipating this condition at the back of sidewalk.

Suggestion: A short term improvement would be to add fill and sod at the back of the sidewalk to remove the drop off condition. If limited right-of-way exists coordination with private property owners may be needed.





Description of Safety Issues: Exposed or damaged utilities causing trip and fall hazards.

Suggestion: A short term suggestion is to contact facility owners within the project limits to notice them of safety deficiencies and request that they be addressed. City maintenance forces may also be used to add/replace sod material in the utility strips along Palm Avenue.

Description of Safety Issues: Damaged or incorrectly placed signs. Several signs along the corridor have graffiti or are scratched. No installations stickers on back of signs

Suggestion: A short term solution would be to replace the panels for the damaged signs. Lack of installation sticker, make it difficult to assess age of sign. Coordinate with maintenance and see if a sign inventory is kept and replace signs older than 5 years.

Signs should be placed in line with the corresponding stop bars. At some locations (13th street pictured above) they are close to 25 feet apart. There is also a private driveway in close proximity of the intersection.

Description of Safety Issues: Existing curb ramps at side streets are lacking detectable warning surfaces to alert visually impaired users that they are exiting the sidewalk and entering the travel lanes. Crosswalks are missing and stop bars lead vehicles to stop in the way of the pedestrian path. Thermoplastic striping is faded or cracked.

Suggestion: A short term improvement is to add detectable warnings to the ramps and add crosswalks (6' minimum, 8' recommended) at side street locations. Also refurbish existing to remain stop bars and crosswalks.

Description of Safety Issues: Existing vegetation obstructing sidewalk.

Suggestion: A short term improvement is to maintain the existing sidewalk corridor with trimming.

Description of Safety Issues: Dark lighting along corridor.

Suggestion: Increase amount of light poles along corridor to raise the level of illumination along the corridor, especially at the mid-block crossings.

Location 4 – Mid Block Crossing of Palm Avenue East of North 14th Street

Location 4, Photo 1

Location 4, Photo 2

Description of Safety Issues: Existing mid-block crossing is skewed adding length and time a pedestrian is crossing. The median landscape is creating a wall affect for opposing traffic making it difficult to see approaching pedestrians.

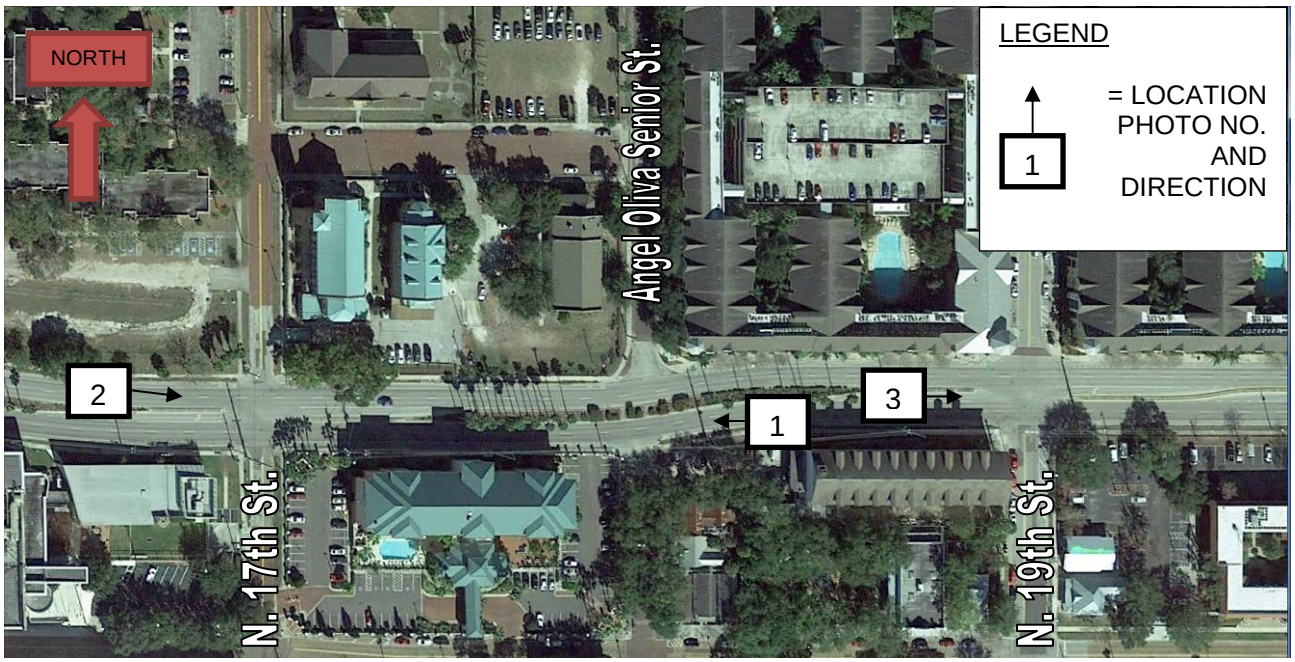
Suggestion: An immediate improvement would be to straighten out the crosswalks and clear some of the trees and shrubs to increase the sight distance. A mid-block pedestrian study for Rectangular Rapid Flashing Beacon (RRFB) is warranted for this location. From the pedestrian counts provided by the City, there are a minimum of 20 pedestrians for all the 10 hours counted and more than the 60 minimum pedestrians in any 4 hour period.

A short-term improvement would be to relocate the existing mid-block crossing to 14th street, where the majority of the crossings occur. This would create a more natural crossing at an intersection where cars will be slowing down to turn or to yield to other vehicles entering the roadway. Sight distance would also be increased at this location due to the minimum amount of landscaping present. RRFB are also recommended at this location

Location 4, Photo 3

Location 4, Photo 4

Location 5 – N. 17th Street, Angel Oliva Senior Street, N. 19th Street

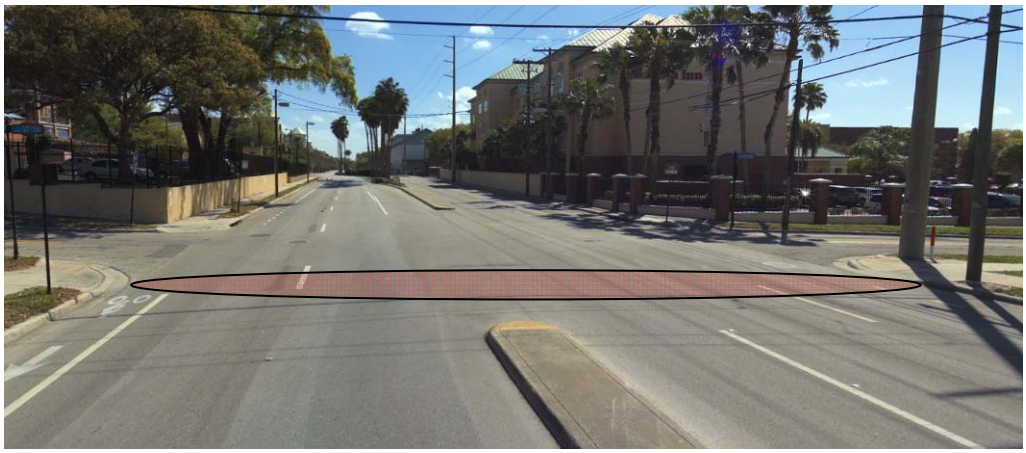


Description of Safety Issues: From the pedestrian counts provided by the City, there are a large number of pedestrians crossing Palm Avenue from the nearby generators such as the Haciendas de Ybor and the Quarter at Ybor. The residents from these facilities are currently crossing Palm to travel south to attractors in Ybor City like the restaurants and bars. There are currently no crosswalks at N. 17th Street, Angel Oliva Senior Street, and N. 19t Street that cross Palm Avenue. The nearest crossings are located at N. 15th Street and N. 21st Street, close to half a mile apart. There are palm trees along the median that block full sight of the nearby residents crossing Palm Avenue

Suggestion: The addition of a mid-block crossing is a recommended short-term improvement at this location. Option one would be located at Angel Oliva Senior Street. There currently is a median at this location, but no palm trees to block sight distance to pedestrians. Because there is an existing median that can act as pedestrian refuge, a RRFB is not required. However, from looking at the volume and roadway alignment, one is recommended. The volume, similar to the HCC area surpasses the minimum criteria found in the TEM, and there is a transition at this location. The median would need to be reworked to allow ADA ramps.

Location 5, Photo 1

Option two would include two mid-block crossings at N. 17th Street and N. 19th Street. These intersections do not contain a median at the crossing locations so a RRFB would be necessary to cross pedestrians here. These two locations would be able to evenly distribute the pedestrian volumes at these three streets and provide opportunities for the local residents to safely cross at multiple locations.



Location 5, Photo 2

Location 5, Photo 3

ATTACHMENT

Traffic Counts

#	ON	From - To (S to N or W to E)	Impact Fee District	Maint. Respons.	Exist Road Type	Func Class*	Date of Count (mm/dd/yr)	Existing Daily Volume	Average Annual Daily Traffic	Existing LOS D Capacity	Existing v/c (vol/ los D cap)	Existing LOS	Link Status
599	NW X-Way (Toll Rd)	Courtney Campbell to Memorial Hwy	WS	STATE	6LF	I	01/01/96	136000	130769	110300	1.19	E	CRITICAL
600	NW X-Way (Toll Rd)	Memorial Hwy to Hillsborough Ave	WS	STATE	6LF	I	01/01/96	99000	95192	110300	0.86	D	NON-CRITICAL
601	NW X-Way FRT E	Courtney Campbell to Hillsborough Ave	WS	STATE	4LU	C	04/08/02	33500	34896	17891	1.95	F	CRITICAL
602	Orient Rd	Adamo Dr to Broadway Ave	CET	COUNTY	2LU	C	09/14/08	6128	5950	10725	0.55	B	NON-CRITICAL
603	Osborne Ave	Boulevard(Highland) to Florida Ave	CET	CITY	2LU	C	07/10/08	1978	1902	10725	0.18	A	NON-CRITICAL
604	Osborne Ave	Florida Ave to Nebraska Ave	CET	CITY	2LU	C	07/10/08	3560	3423	10725	0.32	A	NON-CRITICAL
605	Osborne Ave	Nebraska Ave to 15th St	CET	CITY	2LU	C	07/10/08	2016	1938	10725	0.18	A	NON-CRITICAL
606	Osborne Ave	15th St to 22nd St	CET	CITY	2LU	C	07/10/08	2232	2146	10725	0.20	A	NON-CRITICAL
607	Osborne Ave	22nd St to 34th St	CET	CITY	2LU	C	08/06/08	2581	2482	10725	0.23	A	NON-CRITICAL
608	Osborne Ave	34th St to 40th St	CET	CITY	2LU	C	07/10/08	3300	3173	10725	0.30	A	NON-CRITICAL
609	Palm Ave	Boulevard to Tampa St	CET	CITY	4LU	C	04/01/08	12893	13430	17891	0.75	C	NON-CRITICAL
610	Palm Ave	Tampa St to Florida Ave	CET	CITY	4LU	C	04/01/08	9621	10022	17891	0.56	B	NON-CRITICAL
611	Palm Ave	Florida Ave to Nebraska Ave	CET	CITY	4LU	C	04/01/08	14772	15388	17891	0.86	D	NON-CRITICAL
612	Palm Ave	Nebraska Ave(Nuccio Pkwy) to 15th St	CET	CITY	5LU	C	04/01/08	9175	9557	23855	0.40	B	NON-CRITICAL
613	Palm Ave	15th St to 22nd St	CET	CITY	5LU	C	04/09/08	7540	7854	23855	0.33	A	NON-CRITICAL
614	Pierce St	Whiting to Jackson St	CBD	CITY	2LO	OC	08/24/08	3546	3443	6426	0.54	B	NON-CRITICAL
615	Pierce St	Jackson St to Kennedy Blvd	CBD	CITY	4LO	OC	08/24/08	5406	5249	23598	0.22	A	NON-CRITICAL
616	Pierce St	Kennedy Blvd to Madison St	CBD	CITY	4LO	OC	08/24/08	7115	6908	23598	0.29	A	NON-CRITICAL
617	Pierce St	Madison St to Twiggs St	CBD	CITY	4LO	OC	08/24/08	6105	5927	23598	0.25	A	NON-CRITICAL
618	Pierce St	Twiggs St to Zack St	CBD	CITY	4LO	OC	08/24/08	7763	7537	23598	0.32	A	NON-CRITICAL
619	Pierce St	Zack St to Polk St	CBD	CITY	4LO	OC	08/24/08	9031	8768	23598	0.37	A	NON-CRITICAL
620	Pierce St	Polk St to Cass St	CBD	CITY	4LO	OC	08/24/08	9099	8834	23598	0.37	A	NON-CRITICAL
621	Pierce St	Cass St to Tyler St	CBD	CITY	4LO	OC	08/24/08	440	427	23598	0.02	A	NON-CRITICAL
622	Plant Ave	Kennedy Blvd to Cleveland St	INB	CITY	2LO	OM	05/13/08	5317	5371	8910	0.60	C	NON-CRITICAL
623	Plant Ave	Cleveland St to Platt St	INB	CITY	2LO	OM	06/02/08	11936	12057	8910	1.35	F	CRITICAL
624	Plant Ave	Platt St to Davis Is Bridge	INB	CITY	2LO	OM	05/13/08	13539	13676	8910	1.53	F	CRITICAL
625	Park City Way (Platt)	Azeele St to Armenia Ave	INB	CITY	3LO	OM	04/22/08	12383	12766	14864	0.86	D	NON-CRITICAL
626	Platt St	Armenia Ave to Willow Ave	INB	CITY	3LO	OM	04/22/08	12075	12448	14864	0.84	D	NON-CRITICAL
627	Platt St	Willow Ave to Boulevard	INB	CITY	3LO	OM	05/13/08	13739	13878	14864	0.93	D	NON-CRITICAL
628	Platt St	Boulevard to Hyde Park Ave	INB	CITY	3LO	OM	05/13/08	18614	18802	14864	1.26	F	CRITICAL
629	Platt St	Hyde Park Ave(Plant Ave) to Bayshore Blvd	INB	CITY	2LO	OM	05/13/08	10913	11023	8910	1.24	F	CRITICAL
630	Polk St	Ashley Dr to Tampa St	CBD	CITY	2LO	OC	12/12/07	2391	2321	6426	0.36	A	NON-CRITICAL
631	Polk St	Tampa St to Franklin St	CBD	CITY	2LO	OC	12/12/07	2225	2160	6426	0.34	A	NON-CRITICAL
632	Polk St	Franklin St to Florida Ave	CBD	CITY	2LO	OC	12/12/07	1704	1654	6426	0.26	A	NON-CRITICAL
633	Polk St	Florida Ave to Marion St	CBD	CITY	2LO	OC	12/12/07	1945	1888	6426	0.29	A	NON-CRITICAL
634	Polk St	Marion St to Morgan St	CBD	CITY	2LO	OC	12/12/07	1977	1919	6426	0.30	A	NON-CRITICAL
635	Polk St	Morgan St to Pierce St	CBD	CITY	2LO	OC	01/08/08	2913	2828	6426	0.44	B	NON-CRITICAL
636	Polk St	Pierce St to Jefferson St	CBD	CITY	2LO	OC	12/11/07	1191	1156	6426	0.18	A	NON-CRITICAL
637	River Hills Dr	22nd St to 26th St	CET	CITY	2LU	C	11/02/10	8892	8892	10725	0.83	D	NON-CRITICAL
638	River Hills Dr	40th St to 46th St	CET	CITY	2LU	C	04/09/08	4387	4570	10725	0.43	B	NON-CRITICAL
639	River Hills Dr	46th St to City Limits	CET	CITY	2LU	C	04/09/08	2034	2119	10725	0.20	A	NON-CRITICAL
640	Rome Ave	M.L.K.Jr Blvd(Wishart Blvd) to Hillsborough Ave	CET	CITY	2LU	C	07/17/08	3971	3746	10725	0.35	A	NON-CRITICAL
641	Rome Ave	Hillsborough Ave to Sligh Ave	CET	CITY	2LU	C	07/17/08	3914	3692	10725	0.34	A	NON-CRITICAL
642	Rome Ave	Sligh Ave to Waters Ave	CET	CITY	2LU	C	07/17/08	2246	2119	10725	0.20	A	NON-CRITICAL
643	Rome/Snow/Dakota	Bayshore Blvd(Morrison Ave) to Swann Ave	INB	CITY	2LU	L	08/05/08	3833	3686	10725	0.34	A	NON-CRITICAL
644	Rowlett Park Dr	Waters Ave to 22nd St	CET	CITY	2LU	C	01/27/08	5462	5462	10725	0.51	B	NON-CRITICAL

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
Then Click the Comments Tab

File Name : ARDPALD4
Site Code : 00000000
Start Date : 3/19/2014
Page No : 1

Groups Printed- Unshifted - Bank 1

	ARDC_14TH ST From North					PALM AVE From East					ARDC_14TH ST From South					PALM AVE From West					
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
07:00	0	0	0	1	1	0	0	0	1	1	0	0	0	2	2	0	0	0	4	4	8
07:15	0	0	0	1	1	0	0	0	3	3	0	0	0	0	0	0	0	0	3	3	7
07:30	0	0	0	2	2	0	0	0	8	8	0	0	0	0	0	0	0	0	3	3	13
07:45	0	0	0	5	5	0	0	0	30	30	0	0	0	1	1	0	0	0	6	6	42
Total	0	0	0	9	9	0	0	0	42	42	0	0	0	3	3	0	0	0	16	16	70
08:00	0	0	0	2	2	0	0	0	12	12	0	0	0	0	0	0	0	0	2	2	16
08:15	0	0	0	2	2	0	0	0	17	17	0	0	0	4	4	0	0	0	5	5	28
08:30	0	0	0	2	2	0	0	0	10	10	0	0	0	1	1	0	0	0	5	5	18
08:45	0	0	0	5	5	0	0	0	11	11	0	0	0	2	2	0	0	0	4	4	22
Total	0	0	0	11	11	0	0	0	50	50	0	0	0	7	7	0	0	0	16	16	84
09:00	0	0	0	4	4	0	0	0	14	14	0	0	0	4	4	0	0	0	6	6	28
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09:30	0	0	0	2	2	0	0	0	15	15	0	0	0	4	4	0	0	0	11	11	32
09:45	0	0	0	4	4	0	0	0	14	14	0	0	0	2	2	0	0	0	9	9	29
Total	0	0	0	17	17	0	0	0	63	63	0	0	0	17	17	0	0	0	39	39	136
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10:15	0	0	0	2	2	0	0	0	21	21	0	0	0	6	6	0	0	0	5	5	34
10:30	0	0	0	3	3	0	0	0	24	24	0	0	0	2	2	0	0	0	7	7	36
10:45	0	0	0	6	6	0	0	0	25	25	0	0	0	4	4	0	0	0	16	16	51
Total	0	0	0	14	14	0	0	0	93	93	0	0	0	13	13	0	0	0	34	34	154
11:00	0	0	0	3	3	0	0	0	22	22	0	0	0	6	6	0	0	0	11	11	42

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
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WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
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File Name : ARDPALD4
Site Code : 00000000
Start Date : 3/19/2014
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Groups Printed- Unshifted - Bank 1

	ARDC_14TH ST From North					PALM AVE From East					ARDC_14TH ST From South					PALM AVE From West					
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
11:15	0	0	0	3	3	0	0	0	15	15	0	0	0	1	1	0	0	0	7	7	26
11:30	0	0	0	4	4	0	0	0	19	19	0	0	0	4	4	0	0	0	10	10	37
11:45	0	0	0	5	5	0	0	0	29	29	0	0	0	6	6	0	0	0	8	8	48
Total	0	0	0	15	15	0	0	0	85	85	0	0	0	17	17	0	0	0	36	36	153
12:00	0	0	0	4	4	0	0	0	35	35	0	0	0	3	3	0	0	0	10	10	52
12:15	0	0	0	10	10	0	0	0	39	39	0	0	0	8	8	0	0	0	23	23	80
12:30	0	0	0	3	3	0	0	0	12	12	0	0	0	8	8	0	0	0	9	9	32
12:45	0	0	0	7	7	0	0	0	20	20	0	0	0	5	5	0	0	0	5	5	37
Total	0	0	0	24	24	0	0	0	106	106	0	0	0	24	24	0	0	0	47	47	201
13:00	0	0	0	2	2	0	0	0	20	20	0	0	0	0	0	0	0	0	10	10	32
13:15	0	0	0	3	3	0	0	0	21	21	0	0	0	2	2	0	0	0	7	7	33
13:30	0	0	0	5	5	0	0	0	14	14	0	0	0	3	3	0	0	0	9	9	31
13:45	0	0	0	13	13	0	0	0	26	26	0	0	0	7	7	0	0	0	28	28	74
Total	0	0	0	23	23	0	0	0	81	81	0	0	0	12	12	0	0	0	54	54	170
14:00	0	0	0	1	1	0	0	0	3	3	0	0	0	1	1	0	0	0	2	2	7
14:15	0	0	0	2	2	0	0	0	7	7	0	0	0	2	2	0	0	0	2	2	13
14:30	0	0	0	0	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	8
14:45	0	0	0	6	6	0	0	0	11	11	0	0	0	1	1	0	0	0	1	1	19
Total	0	0	0	9	9	0	0	0	29	29	0	0	0	4	4	0	0	0	5	5	47
15:00	0	0	0	1	1	0	0	0	12	12	0	0	0	3	3	0	0	0	1	1	17
15:15	0	0	0	0	0	0	0	0	6	6	0	0	0	1	1	0	0	0	7	7	14

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
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File Name : ARDPALD4
Site Code : 00000000
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Groups Printed- Unshifted - Bank 1

	ARDC_14TH ST From North					PALM AVE From East					ARDC_14TH ST From South					PALM AVE From West					
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
15:30	0	0	0	4	4	0	0	0	17	17	0	0	0	2	2	0	0	0	9	9	32
15:45	0	0	0	9	9	0	0	0	5	5	0	0	0	3	3	0	0	0	7	7	24
Total	0	0	0	14	14	0	0	0	40	40	0	0	0	9	9	0	0	0	24	24	87
16:00	0	0	0	12	12	0	0	0	3	3	0	0	0	2	2	0	0	0	14	14	31
16:15	0	0	0	7	7	0	0	0	13	13	0	0	0	7	7	0	0	0	14	14	41
16:30	0	0	0	0	0	0	0	0	7	7	0	0	0	2	2	0	0	0	9	9	18
16:45	0	0	0	1	1	0	0	0	4	4	0	0	0	0	0	0	0	0	1	1	6
Total	0	0	0	20	20	0	0	0	27	27	0	0	0	11	11	0	0	0	38	38	96
17:00	0	0	0	6	6	0	0	0	23	23	0	0	0	4	4	0	0	0	10	10	43
17:15	0	0	0	11	11	0	0	0	29	29	0	0	0	9	9	0	0	0	52	52	101
17:30	0	0	0	7	7	0	0	0	7	7	0	0	0	7	7	0	0	0	37	37	58
17:45	0	0	0	6	6	0	0	0	7	7	0	0	0	4	4	0	0	0	10	10	27
Total	0	0	0	30	30	0	0	0	66	66	0	0	0	24	24	0	0	0	109	109	229
18:00	0	0	0	3	3	0	0	0	1	1	0	0	0	1	1	0	0	0	4	4	9
18:15	0	0	0	1	1	0	0	0	5	5	0	0	0	3	3	0	0	0	9	9	18
18:30	0	0	0	4	4	0	0	0	6	6	0	0	0	5	5	0	0	0	4	4	19
18:45	0	0	0	5	5	0	0	0	26	26	0	0	0	19	19	0	0	0	14	14	64
Total	0	0	0	13	13	0	0	0	38	38	0	0	0	28	28	0	0	0	31	31	110
19:00	0	0	0	4	4	0	0	0	11	11	0	0	0	5	5	0	0	0	17	17	37
19:15	0	0	0	1	1	0	0	0	12	12	0	0	0	6	6	0	0	0	6	6	25
19:30	0	0	0	2	2	0	0	0	16	16	0	0	0	4	4	0	0	0	1	1	23

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
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File Name : ARDPALD4
Site Code : 00000000
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Groups Printed- Unshifted - Bank 1

	ARDC_14TH ST From North					PALM AVE From East					ARDC_14TH ST From South					PALM AVE From West					
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
19:45	0	0	0	1	1	1	0	0	33	34	0	0	0	1	1	0	0	0	1	1	37
Total	0	0	0	8	8	1	0	0	72	73	0	0	0	16	16	0	0	0	25	25	122
20:00	0	0	0	4	4	0	0	0	25	25	0	0	0	3	3	0	0	0	5	5	37
20:15	0	0	0	11	11	0	0	0	15	15	0	0	0	8	8	0	0	0	1	1	35
20:30	0	0	0	7	7	0	0	0	10	10	0	0	0	4	4	0	0	0	3	3	24
Grand Total	0	0	0	229	229	1	0	0	842	843	0	0	0	200	200	0	0	0	483	483	1755
Apprch %	0	0	0	100		0.1	0	0	99.9		0	0	0	100		0	0	0	100		
Total %	0	0	0	13	13	0.1	0	0	48	48	0	0	0	11.4	11.4	0	0	0	27.5	27.5	
Unshifted	0	0	0	229	229	1	0	0	842	843	0	0	0	200	200	0	0	0	483	483	1755
% Unshifted	0	0	0	100	100	100	0	0	100	100	0	0	0	100	100	0	0	0	100	100	100
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
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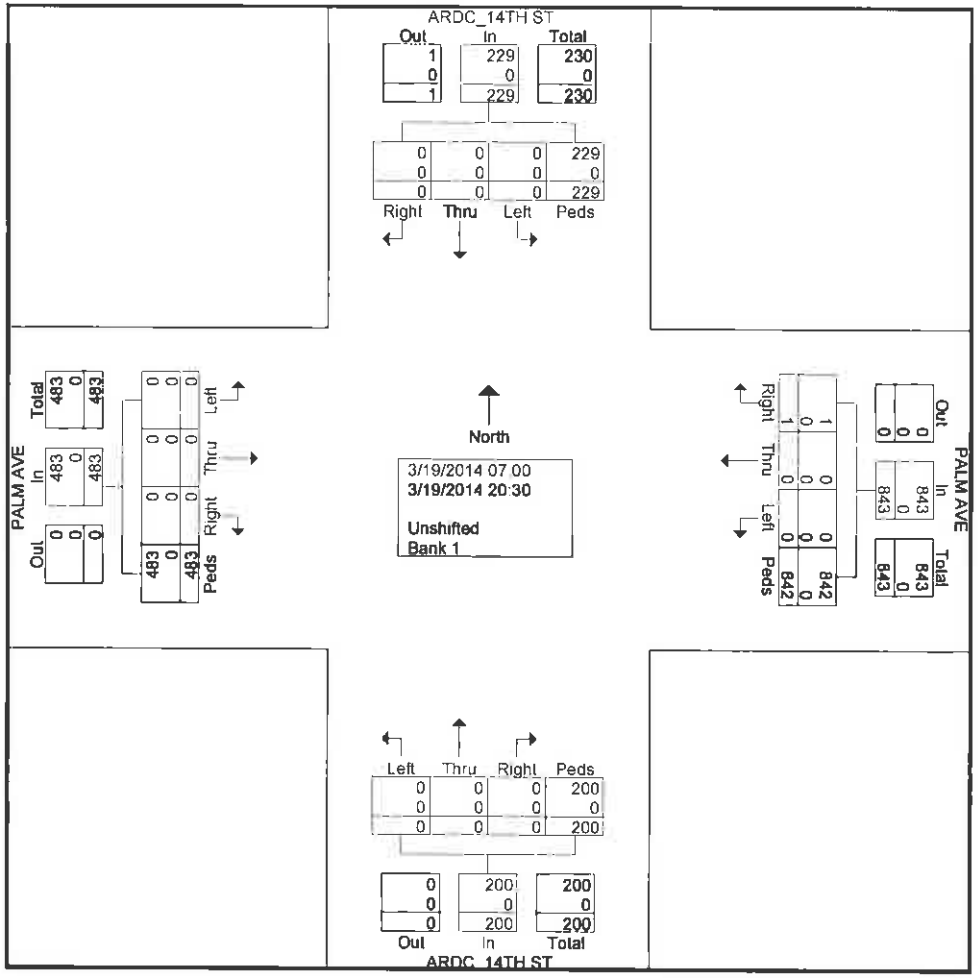

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
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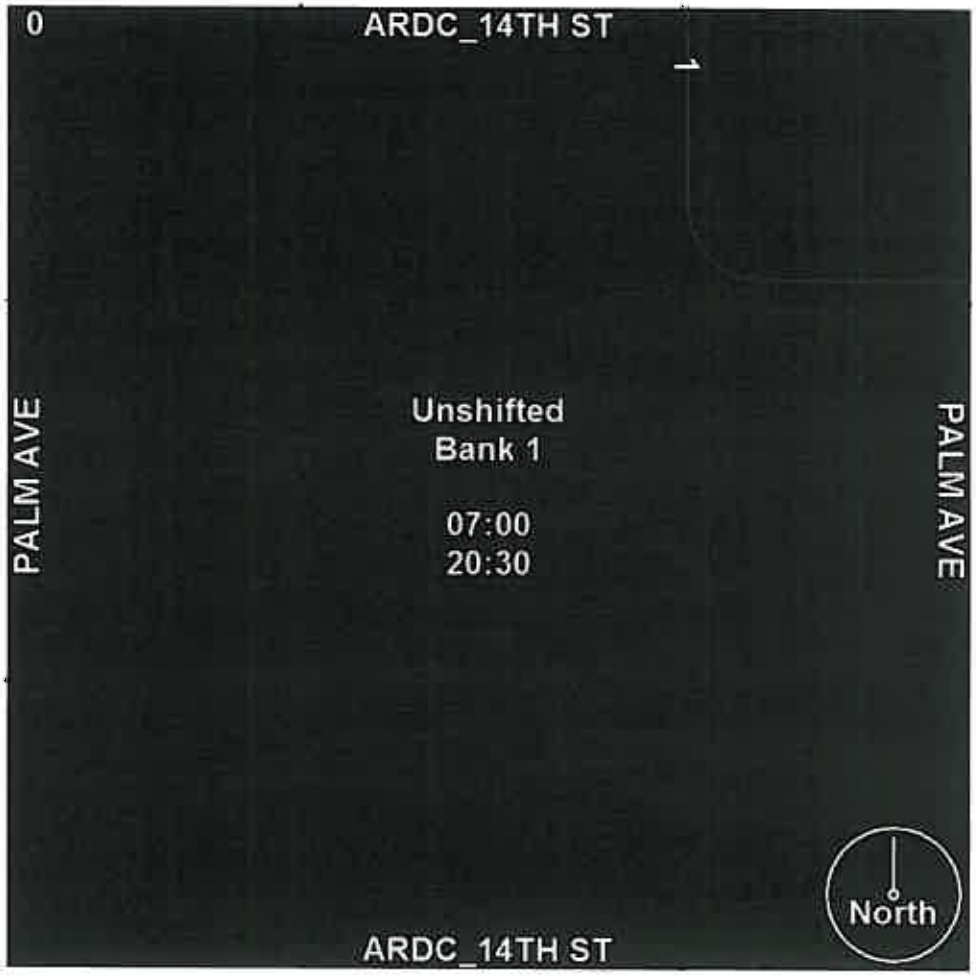

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
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File Name : ARDPALD4
Site Code : 00000000
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	ARDC_14TH ST From North					PALM AVE From East					ARDC_14TH ST From South					PALM AVE From West					
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 to 13:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30																					
11:30	0	0	0	4	4	0	0	0	19	19	0	0	0	4	4	0	0	0	10	10	37
11:45	0	0	0	5	5	0	0	0	29	29	0	0	0	6	6	0	0	0	8	8	48
12:00	0	0	0	4	4	0	0	0	35	35	0	0	0	3	3	0	0	0	10	10	52
12:15	0	0	0	**10**	**10**	0	0	0	**39**	**39**	0	0	0	**8**	**8**	0	0	0	**23**	**23**	**80**
Total Volume	0	0	0	23	23	0	0	0	122	122	0	0	0	21	21	0	0	0	51	51	217
% App. Total	0	0	0	100		0	0	0	100		0	0	0	100		0	0	0	100		
PHF	.000	.000	.000	.575	.575	.000	.000	.000	.782	.782	.000	.000	.000	.656	.656	.000	.000	.000	.554	.554	.678

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS
BOARDS #'s:A
Then Click the Comments Tab

File Name : ARDPALD4
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TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/D
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File Name : 19TPALD4
Site Code : 00000000
Start Date : 2/6/2014
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Groups Printed- Unshifted - Bank 1

	19TH ST From North					E PALM AVE From East					19TH ST From South					E PALM AVE From West					
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
07:00	1	0	0	1	2	0	111	10	0	121	2	4	6	0	12	4	30	1	0	35	170
07:15	2	1	1	0	4	0	114	16	3	133	8	0	2	0	10	3	30	2	1	36	183
07:30	2	1	2	1	6	1	162	13	1	177	5	1	6	0	12	7	51	0	3	61	256
07:45	1	0	2	3	6	0	176	15	0	191	9	2	3	0	14	9	57	1	0	67	278
Total	6	2	5	5	18	1	563	54	4	622	24	7	17	0	48	23	168	4	4	199	887
08:00	1	2	1	1	5	0	153	19	5	177	8	3	6	6	23	8	42	3	2	55	260
08:15	2	0	2	1	5	0	123	25	0	148	9	1	5	0	15	7	36	1	0	44	212
08:30	4	3	1	1	9	3	110	16	2	131	5	1	4	1	11	9	52	1	0	62	213
08:45	2	3	2	1	8	2	119	15	2	138	6	2	4	0	12	5	44	2	0	51	209
Total	9	8	6	4	27	5	505	75	9	594	28	7	19	7	61	29	174	7	2	212	894
09:00	3	2	2	0	7	2	126	13	0	141	5	3	3	0	11	4	48	4	0	56	215
09:15	6	1	2	0	9	1	133	15	1	150	5	4	5	2	16	5	59	6	0	70	245
09:30	5	4	1	2	12	1	91	10	7	109	4	2	2	3	11	6	46	1	1	54	186
09:45	4	7	2	1	14	2	65	8	0	75	10	5	3	1	19	5	32	2	1	40	148
Total	18	14	7	3	42	6	415	46	8	475	24	14	13	6	57	20	185	13	2	220	794
10:00	3	5	2	2	12	1	63	10	0	74	9	3	4	1	17	4	41	6	0	51	154
10:15	4	3	3	1	11	1	72	10	7	90	11	2	3	0	16	2	33	1	0	36	153
10:30	4	4	1	1	10	2	73	15	3	93	16	4	6	1	27	2	54	4	4	64	194
10:45	3	4	2	0	9	3	65	12	0	80	13	2	4	0	19	1	51	3	0	55	163
Total	14	16	8	4	42	7	273	47	10	337	49	11	17	2	79	9	179	14	4	206	664
11:00	3	6	1	2	12	4	53	11	3	71	14	1	7	3	25	1	47	2	1	51	159

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/D
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File Name : 19TPALD4
Site Code : 00000000
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Groups Printed- Unshifted - Bank 1

	19TH ST From North					E PALM AVE From East					19TH ST From South					E PALM AVE From West					
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
11:15	2	5	2	0	9	1	40	10	0	51	16	1	4	2	23	3	39	6	1	49	132
11:30	1	1	3	0	5	0	56	8	1	65	9	4	3	0	16	1	42	3	0	46	132
11:45	2	2	3	1	8	2	67	10	4	83	7	2	3	3	15	2	49	2	0	53	159
Total	8	14	9	3	34	7	216	39	8	270	46	8	17	8	79	7	177	13	2	199	582
12:00	2	4	2	0	8	2	80	12	8	102	9	3	6	3	21	2	61	3	3	69	200
12:15	2	1	3	5	11	2	83	7	3	95	12	0	5	2	19	4	91	2	2	99	224
12:30	3	6	4	6	19	3	53	12	3	71	13	4	5	1	23	2	68	8	1	79	192
12:45	2	4	2	2	10	1	55	7	2	65	11	9	5	3	28	2	52	2	0	56	159
Total	9	15	11	13	48	8	271	38	16	333	45	16	21	9	91	10	272	15	6	303	775
13:00	3	5	4	2	14	3	59	8	3	73	9	5	9	6	29	2	55	1	1	59	175
13:15	2	5	2	6	15	4	58	7	7	76	10	3	9	3	25	3	69	7	1	80	196
13:30	3	1	4	3	11	1	64	5	4	74	9	5	4	1	19	5	54	2	0	61	165
13:45	6	2	1	3	12	3	58	8	2	71	4	2	8	1	15	2	65	2	0	69	167
Total	14	13	11	14	52	11	239	28	16	294	32	15	30	11	88	12	243	12	2	269	703
14:00	1	1	3	1	6	2	63	7	5	77	9	8	15	3	35	4	84	6	2	96	214
14:15	3	4	2	3	12	3	66	4	1	74	6	1	2	1	10	1	59	6	1	67	163
14:30	2	2	5	1	10	2	66	11	2	81	4	3	2	3	12	2	60	2	2	66	169
14:45	3	4	0	0	7	3	65	10	1	79	11	0	6	6	23	4	65	1	0	70	179
Total	9	11	10	5	35	10	260	32	9	311	30	12	25	13	80	11	268	15	5	299	725
15:00	3	2	0	1	6	2	48	12	2	64	8	2	11	4	25	4	89	2	1	96	191
15:15	2	2	6	4	14	0	58	5	1	64	15	1	7	2	25	5	103	4	0	112	215

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/D
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File Name : 19TPALD4
Site Code : 00000000
Start Date : 2/6/2014
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Groups Printed- Unshifted - Bank 1

	19TH ST From North					E PALM AVE From East					19TH ST From South					E PALM AVE From West					
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
15:30	4	3	1	2	10	1	63	10	5	79	14	4	9	4	31	3	89	5	4	101	221
15:45	5	4	3	2	14	2	79	6	2	89	9	5	6	4	24	0	85	4	3	92	219
Total	14	11	10	9	44	5	248	33	10	296	46	12	33	14	105	12	366	15	8	401	846
16:00	2	2	2	3	9	5	76	10	1	92	26	2	11	4	43	3	80	2	3	88	232
16:15	3	4	2	6	15	1	85	6	6	98	10	6	13	8	37	1	79	1	11	92	242
16:30	5	1	0	4	10	2	115	5	10	132	7	4	11	0	22	1	151	10	1	163	327
16:45	3	3	2	7	15	2	158	17	3	180	16	6	16	5	43	4	142	9	5	160	398
Total	13	10	6	20	49	10	434	38	20	502	59	18	51	17	145	9	452	22	20	503	1199
17:00	1	10	4	1	16	3	141	18	3	165	11	6	12	3	32	5	145	4	3	157	370
17:15	2	8	0	7	17	3	129	20	7	159	15	4	26	3	48	3	157	2	3	165	389
17:30	6	6	1	4	17	5	109	17	5	136	18	2	13	7	40	8	112	2	0	122	315
17:45	5	2	3	5	15	3	108	15	6	132	21	3	12	5	41	3	118	5	2	128	316
Total	14	26	8	17	65	14	487	70	21	592	65	15	63	18	161	19	532	13	8	572	1390
18:00	4	4	2	7	17	1	113	12	7	133	23	4	11	7	45	4	120	4	9	137	332
18:15	1	4	3	7	15	0	123	14	3	140	7	2	6	1	16	5	97	4	3	109	280
18:30	1	1	1	4	7	1	101	6	11	119	13	3	9	8	33	2	103	1	2	108	267
18:45	6	2	2	4	14	0	87	12	5	104	3	1	3	2	9	2	118	3	4	127	254
Total	12	11	8	22	53	2	424	44	26	496	46	10	29	18	103	13	438	12	18	481	1133
19:00	0	0	0	2	2	2	82	16	4	104	4	2	6	1	13	1	79	1	6	87	206
19:15	0	1	1	3	5	4	58	7	2	71	6	2	2	3	13	3	71	1	10	85	174
19:30	1	0	1	8	10	1	62	8	6	77	14	0	9	6	29	4	62	2	0	68	184

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
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WEATHER:CLEAR
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File Name : 19TPALD4
Site Code : 00000000
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Groups Printed- Unshifted - Bank 1

	19TH ST From North					E PALM AVE From East					19TH ST From South					E PALM AVE From West					
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
19:45	2	0	0	4	6	0	45	5	2	52	5	1	2	2	10	0	84	0	2	86	154
Total	3	1	2	17	23	7	247	36	14	304	29	5	19	12	65	8	296	4	18	326	718
20:00	5	1	1	4	11	2	60	5	5	72	2	6	4	6	18	5	100	5	1	111	212
20:15	3	0	3	5	11	0	57	7	2	66	8	0	7	2	17	0	96	0	0	96	190
20:30	2	1	1	3	7	2	54	4	1	61	5	5	3	2	15	3	92	2	1	98	181
20:45	2	2	1	1	6	1	49	3	0	53	4	2	4	1	11	1	87	1	1	90	160
Total	12	4	6	13	35	5	220	19	8	252	19	13	18	11	61	9	375	8	3	395	743
21:00	1	0	0	2	3	0	46	1	2	49	2	1	2	0	5	1	84	0	0	85	142
Grand Total	156	156	107	151	570	98	4848	600	181	5727	544	164	374	146	1228	192	4209	167	102	4670	12195
Apprch %	27.4	27.4	18.8	26.5		1.7	84.7	10.5	3.2		44.3	13.4	30.5	11.9		4.1	90.1	3.6	2.2		
Total %	1.3	1.3	0.9	1.2	4.7	0.8	39.8	4.9	1.5	47	4.5	1.3	3.1	1.2	10.1	1.6	34.5	1.4	0.8	38.3	
Unshifted	156	156	107	151	570	98	4848	600	181	5727	544	164	374	146	1228	192	4209	167	102	4670	12195
% Unshifted	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/D
Then Click the Comments Tab

File Name : 19TPALD4
Site Code : 00000000
Start Date : 2/6/2014
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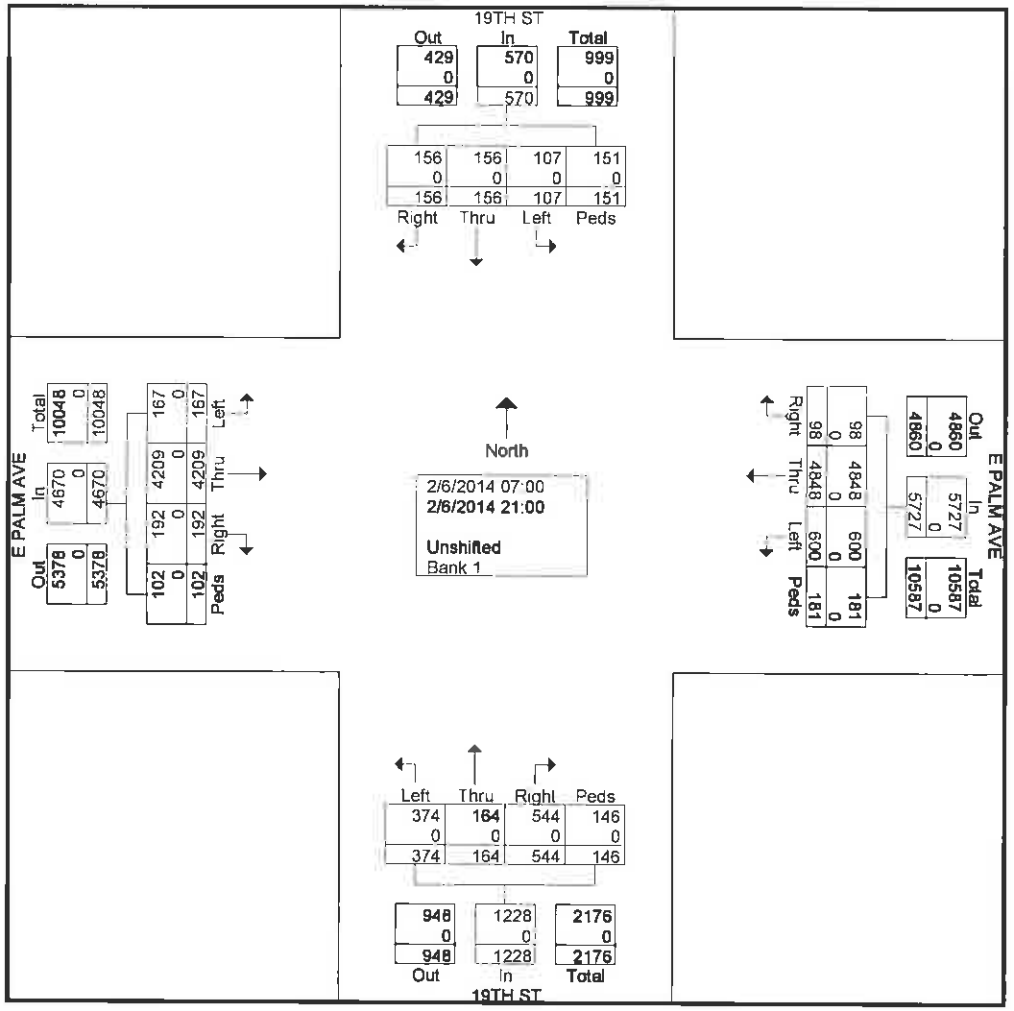

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

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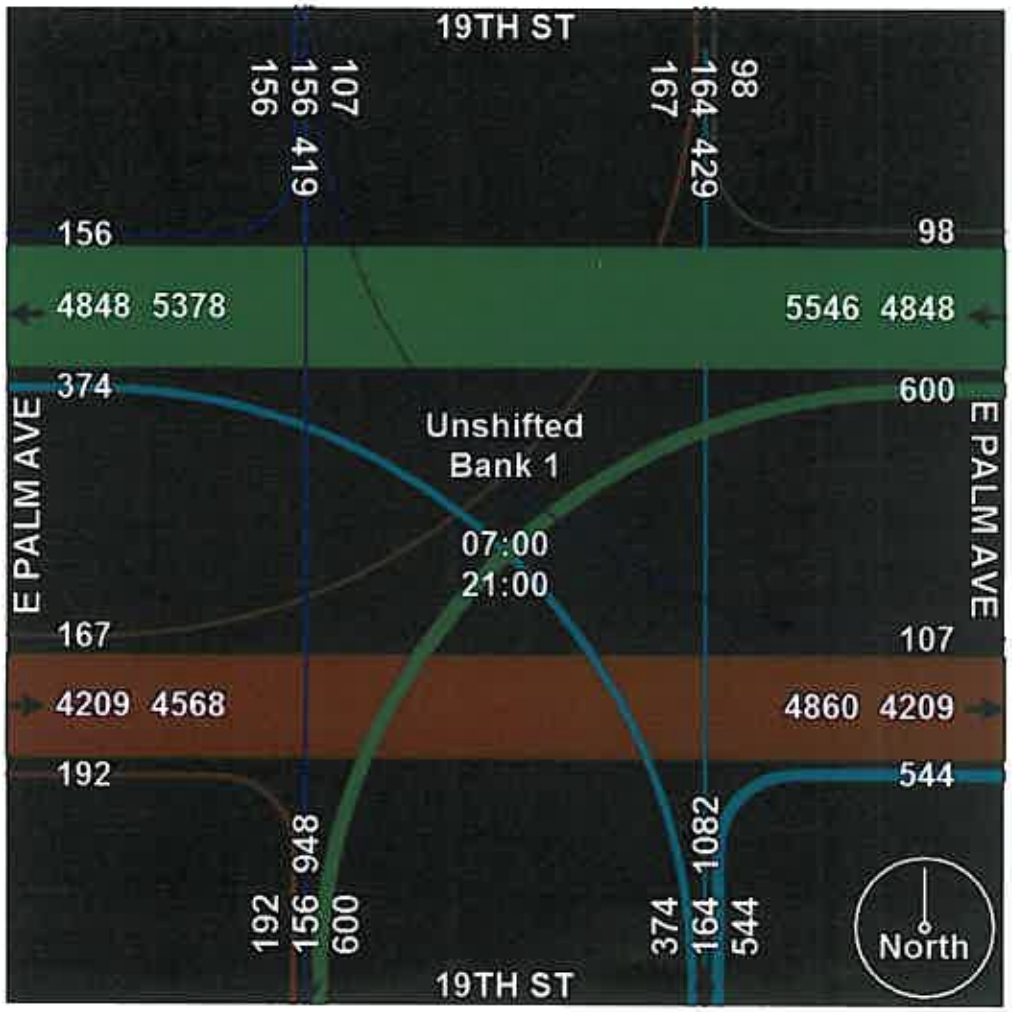

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

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Then Click the Comments Tab

File Name : 19TPALD4
Site Code : 00000000
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	19TH ST From North					E PALM AVE From East					19TH ST From South					E PALM AVE From West					
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 to 13:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	2	1	2	1	6	1	162	13	1	177	5	1	6	0	12	7	51	0	3	61	256
07:45	1	0	2	3	6	0	176	15	0	191	9	2	3	0	14	9	57	1	0	67	278
08:00	1	2	1	1	5	0	153	19	5	177	8	3	6	6	23	8	42	3	2	55	260
08:15	2	0	2	1	5	0	123	25	0	148	9	1	5	0	15	7	36	1	0	44	212
Total Volume	6	3	7	6	22	1	614	72	6	693	31	7	20	6	64	31	186	5	5	227	1006
% App. Total	27.3	13.6	31.8	27.3		0.1	88.6	10.4	0.9		48.4	10.9	31.2	9.4		13.7	81.9	2.2	2.2		
PHF	.750	.375	.875	.500	.917	.250	.872	.720	.300	.907	.861	.583	.833	.250	.696	.861	.816	.417	.417	.847	.905

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/B
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File Name : 18TPALD4
Site Code : 00000000
Start Date : 2/13/2014
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Groups Printed- Unshifted - Bank 1

	18TH ST From North					E PALM AVE From East					18TH ST From South					E PALM AVE From West					
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
07:00	6	0	0	0	6	1	105	0	3	109	0	0	0	0	0	1	26	0	0	27	142
07:15	6	0	0	0	6	1	124	0	0	125	0	0	0	0	0	1	49	0	0	50	181
07:30	12	0	0	1	13	1	167	0	0	168	0	0	0	0	0	1	55	0	1	57	238
07:45	10	0	0	0	10	3	193	0	2	198	0	0	0	1	1	3	62	0	2	67	276
Total	34	0	0	1	35	6	589	0	5	600	0	0	0	1	1	6	192	0	3	201	837
08:00	4	0	0	0	4	2	158	0	0	160	0	0	0	0	0	2	62	0	4	68	232
08:15	4	0	0	0	4	2	114	0	1	117	2	0	0	0	2	3	40	0	2	45	168
08:30	6	0	0	0	6	2	117	0	4	123	0	0	0	0	0	2	52	0	0	54	183
08:45	3	0	0	1	4	2	108	0	0	110	0	0	0	0	0	3	54	0	1	58	172
Total	17	0	0	1	18	8	497	0	5	510	2	0	0	0	2	10	208	0	7	225	755
09:00	4	0	0	0	4	1	105	0	0	106	0	0	0	0	0	2	57	0	0	59	169
09:15	3	0	0	0	3	2	101	0	0	103	0	0	0	0	0	2	62	0	1	65	171
09:30	4	0	0	0	4	1	84	0	1	86	0	0	0	0	0	4	43	0	4	51	141
09:45	3	0	0	0	3	1	73	0	0	74	0	0	0	0	0	3	31	0	0	34	111
Total	14	0	0	0	14	5	363	0	1	369	0	0	0	0	0	11	193	0	5	209	592
10:00	3	0	0	0	3	1	57	0	3	61	0	0	0	0	0	2	41	0	0	43	107
10:15	3	0	0	1	4	1	59	0	0	60	0	0	0	0	0	3	49	0	4	56	120
10:30	4	0	0	3	7	1	82	0	4	87	0	0	0	0	0	2	63	0	2	67	161
10:45	3	0	0	0	3	1	71	0	2	74	0	0	0	0	0	3	56	0	0	59	136
Total	13	0	0	4	17	4	269	0	9	282	0	0	0	0	0	10	209	0	6	225	524
11:00	2	0	0	0	2	1	76	0	2	79	0	0	0	1	1	2	48	0	3	53	135

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
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File Name : 18TPALD4
Site Code : 00000000
Start Date : 2/13/2014
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Groups Printed- Unshifted - Bank 1

	18TH ST From North					E PALM AVE From East					18TH ST From South					E PALM AVE From West					
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
11:15	3	0	0	0	3	2	64	0	0	66	0	0	0	0	0	3	50	0	0	53	122
11:30	1	0	0	0	1	4	76	0	1	81	0	0	0	1	1	3	55	0	0	58	141
11:45	2	0	0	1	3	2	82	0	0	84	0	0	0	0	0	6	57	0	2	65	152
Total	8	0	0	1	9	9	298	0	3	310	0	0	0	2	2	14	210	0	5	229	550
12:00	5	0	0	1	6	2	107	0	4	113	0	0	0	0	0	6	78	0	0	84	203
12:15	6	0	0	1	7	1	123	0	1	125	0	0	0	0	0	3	103	0	2	108	240
12:30	5	0	0	0	5	2	71	0	2	75	0	0	0	0	0	1	73	0	3	77	157
12:45	4	0	0	2	6	2	84	0	1	87	0	0	0	0	0	3	58	0	3	64	157
Total	20	0	0	4	24	7	385	0	8	400	0	0	0	0	0	13	312	0	8	333	757
13:00	2	0	0	0	2	1	60	0	1	62	0	0	0	1	1	2	70	0	3	75	140
13:15	4	0	0	0	4	1	68	0	1	70	0	0	0	1	1	3	61	0	2	66	141
13:30	4	0	0	0	4	2	76	0	1	79	0	0	0	0	0	2	86	0	0	88	171
13:45	4	0	0	3	7	1	95	0	0	96	1	0	0	0	1	4	90	0	1	95	199
Total	14	0	0	3	17	5	299	0	3	307	1	0	0	2	3	11	307	0	6	324	651
14:00	2	0	0	0	2	0	61	0	1	62	0	0	0	0	0	5	77	0	2	84	148
14:15	5	0	0	0	5	1	84	0	1	86	1	0	0	0	1	1	72	0	1	74	166
14:30	4	0	0	0	4	4	108	0	0	112	0	0	0	0	0	2	99	0	1	102	218
14:45	4	0	0	0	4	2	77	0	0	79	0	0	0	0	0	1	108	0	4	113	196
Total	15	0	0	0	15	7	330	0	2	339	1	0	0	0	1	9	356	0	8	373	728
15:00	0	0	0	7	7	1	91	0	2	94	0	0	0	0	0	3	161	0	4	168	269
15:15	1	0	0	0	1	0	104	0	2	106	0	0	0	3	3	5	147	0	1	153	263

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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Site Code : 00000000
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Groups Printed- Unshifted - Bank 1

	18TH ST From North					E PALM AVE From East					18TH ST From South					E PALM AVE From West					
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
15:30	5	0	0	1	6	3	99	0	3	105	0	0	0	4	4	3	146	0	0	149	264
15:45	2	0	0	2	4	5	108	0	1	114	0	0	0	1	1	1	144	0	2	147	266
Total	8	0	0	10	18	9	402	0	8	419	0	0	0	8	8	12	598	0	7	617	1062
16:00	4	0	0	0	4	6	114	0	1	121	0	0	0	0	0	1	138	0	1	140	265
16:15	2	0	0	4	6	4	117	0	0	121	0	0	0	2	2	0	147	0	1	148	277
16:30	3	0	0	2	5	2	121	0	3	126	0	0	0	0	0	2	153	0	0	155	286
16:45	2	0	0	0	2	5	132	0	1	138	0	0	0	1	1	2	159	0	1	162	303
Total	11	0	0	6	17	17	484	0	5	506	0	0	0	3	3	5	597	0	3	605	1131
17:00	3	0	0	1	4	9	148	0	3	160	0	0	0	0	0	3	157	0	0	160	324
17:15	2	0	0	2	4	5	148	0	4	157	0	0	0	0	0	5	128	0	0	133	294
17:30	4	0	0	0	4	6	153	0	1	160	0	0	0	3	3	1	145	0	2	148	315
17:45	14	0	0	1	15	8	166	0	1	175	0	0	0	0	0	3	173	0	0	176	366
Total	23	0	0	4	27	28	615	0	9	652	0	0	0	3	3	12	603	0	2	617	1299
18:00	3	0	0	2	5	3	135	0	2	140	0	0	0	0	0	2	124	0	1	127	272
18:15	6	0	0	0	6	7	144	0	5	156	0	0	0	1	1	2	150	1	3	156	319
18:30	3	0	0	2	5	9	120	0	2	131	0	0	0	1	1	4	142	0	1	147	284
18:45	7	0	0	2	9	1	92	0	2	95	0	0	0	0	0	2	96	0	3	101	205
Total	19	0	0	6	25	20	491	0	11	522	0	0	0	2	2	10	512	1	8	531	1080
19:00	6	0	0	2	8	15	96	0	3	114	0	0	0	0	0	1	87	0	0	88	210
19:15	0	0	0	2	2	5	53	0	2	60	0	0	0	1	1	0	52	0	1	53	116
19:30	4	0	0	3	7	3	38	0	1	42	0	0	0	1	1	2	42	0	1	45	95

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
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(813) 274-8114

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Groups Printed- Unshifted - Bank 1

	18TH ST From North					E PALM AVE From East					18TH ST From South					E PALM AVE From West					
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
19:45	4	0	0	7	11	0	38	0	6	44	0	0	0	0	0	1	40	0	1	42	97
Total	14	0	0	14	28	23	225	0	12	260	0	0	0	2	2	4	221	0	3	228	518
20:00	5	0	0	9	14	4	75	0	1	80	0	0	0	3	3	1	163	0	4	168	265
20:15	4	0	0	1	5	1	64	0	3	68	0	0	0	1	1	0	91	0	4	95	169
20:30	3	0	0	2	5	6	60	0	1	67	0	0	0	0	0	2	51	0	0	53	125
20:45	1	0	0	2	3	4	57	0	1	62	0	0	0	2	2	1	44	0	3	48	115
Total	13	0	0	14	27	15	256	0	6	277	0	0	0	6	6	4	349	0	11	364	674
21:00	2	0	0	1	3	2	54	0	2	58	0	0	0	1	1	1	41	0	2	44	106
Grand Total	225	0	0	69	294	165	5557	0	89	5811	4	0	0	30	34	132	4908	1	84	5125	11264
Apprch %	76.5	0	0	23.5		2.8	95.6	0	1.5		11.8	0	0	88.2		2.6	95.8	0	1.6		
Total %	2	0	0	0.6	2.6	1.5	49.3	0	0.8	51.6	0	0	0	0.3	0.3	1.2	43.6	0	0.7	45.5	
Unshifted	225	0	0	69	294	165	5557	0	89	5811	4	0	0	30	34	132	4908	1	84	5125	11264
% Unshifted	100	0	0	100	100	100	100	0	100	100	100	0	0	100	100	100	100	100	100	100	100
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
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Site Code : 00000000
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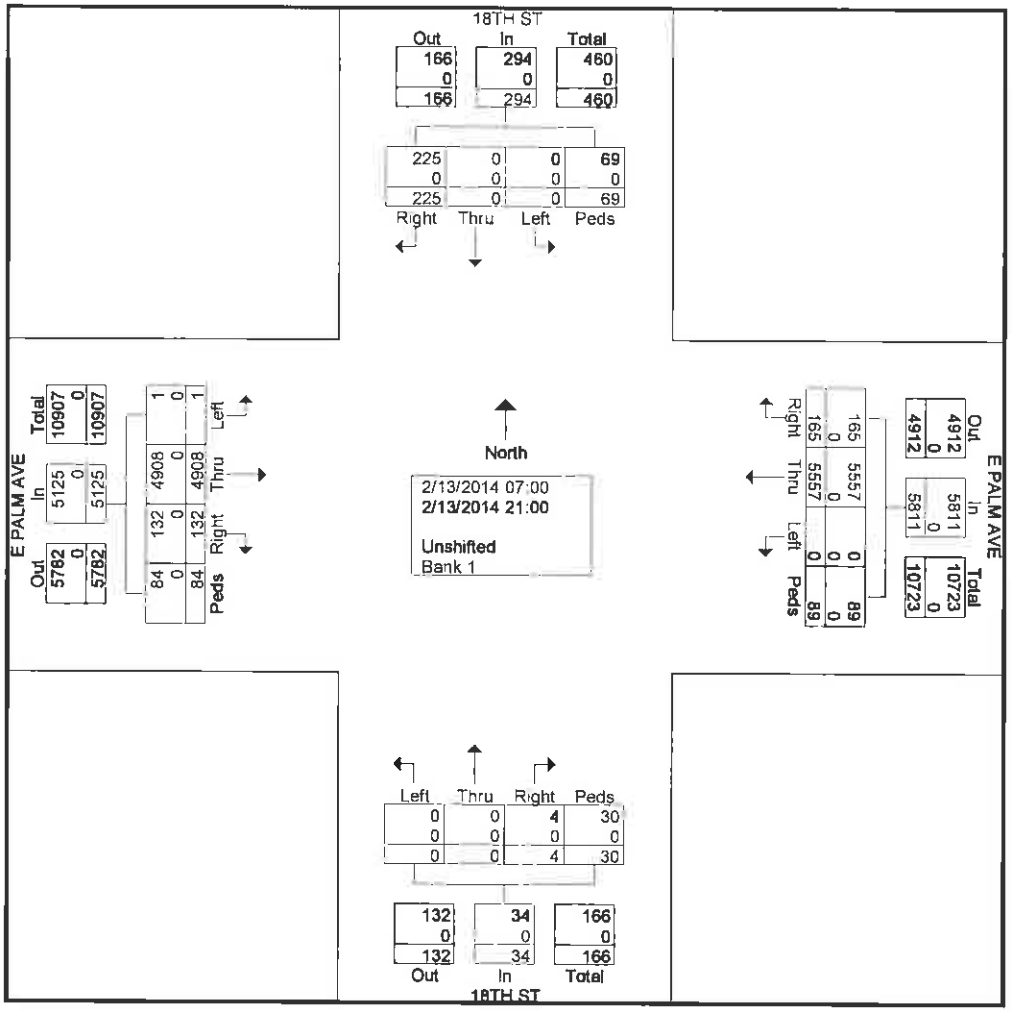

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

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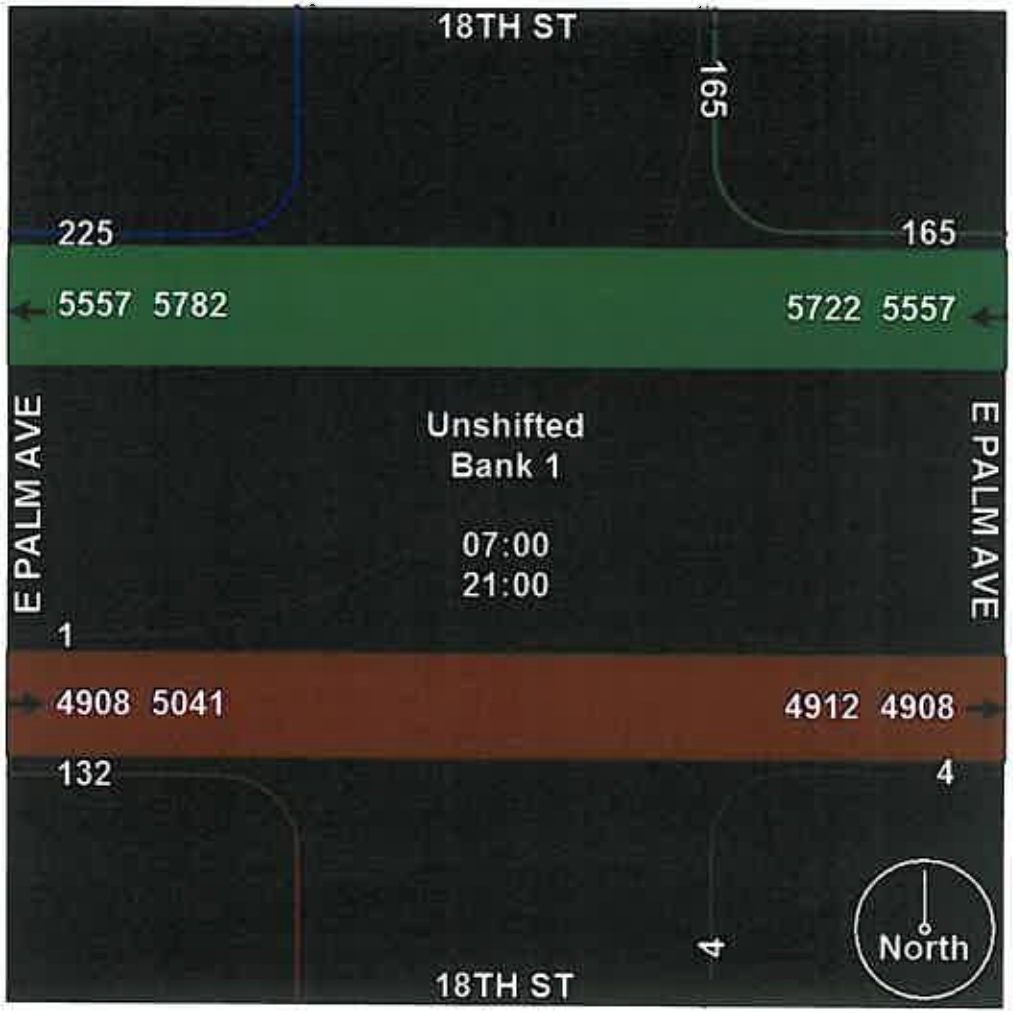

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
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File Name : 18TPALD4
Site Code : 00000000
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	18TH ST From North					E PALM AVE From East					18TH ST From South					E PALM AVE From West					
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 to 09:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	6	0	0	0	6	1	124	0	0	125	0	0	0	0	0	1	49	0	0	50	181
07:30	12	0	0	1	13	1	167	0	0	168	0	0	0	0	0	1	55	0	1	57	238
07:45	10	0	0	0	10	3	193	0	2	198	0	0	0	1	1	3	62	0	2	67	276
08:00	4	0	0	0	4	2	158	0	0	160	0	0	0	0	0	2	62	0	4	68	232
Total Volume	32	0	0	1	33	7	642	0	2	651	0	0	0	1	1	7	228	0	7	242	927
% App. Total	97	0	0	3		1.1	98.6	0	0.3		0	0	0	100		2.9	94.2	0	2.9		
PHF	.667	.000	.000	.250	.635	.583	.832	.000	.250	.822	.000	.000	.000	.250	.250	.583	.919	.000	.438	.890	.840
Peak Hour Analysis From 11:00 to 14:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00																					
12:00	5	0	0	1	6	2	107	0	4	113	0	0	0	0	0	6	78	0	0	84	203
12:15	6	0	0	1	7	1	123	0	1	125	0	0	0	0	0	3	103	0	2	108	240
12:30	5	0	0	0	5	2	71	0	2	75	0	0	0	0	0	1	73	0	3	77	157
12:45	4	0	0	2	6	2	84	0	1	87	0	0	0	0	0	3	58	0	3	64	157
Total Volume	20	0	0	4	24	7	385	0	8	400	0	0	0	0	0	13	312	0	8	333	757
% App. Total	83.3	0	0	16.7		1.8	96.2	0	2		0	0	0	0		3.9	93.7	0	2.4		
PHF	.833	.000	.000	.500	.857	.875	.783	.000	.500	.800	.000	.000	.000	.000	.000	.542	.757	.000	.667	.771	.789

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/B
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	18TH ST From North					E PALM AVE From East					18TH ST From South					E PALM AVE From West					
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 15:00 to 20:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	3	0	0	1	4	9	148	0	3	160	0	0	0	0	0	3	157	0	0	160	324
17:15	2	0	0	2	4	5	148	0	4	157	0	0	0	0	0	5	128	0	0	133	294
17:30	4	0	0	0	4	6	153	0	1	160	0	0	0	3	3	1	145	0	2	148	315
17:45	14	0	0	1	15	8	166	0	1	175	0	0	0	0	0	3	173	0	0	176	366
Total Volume	23	0	0	4	27	28	615	0	9	652	0	0	0	3	3	12	603	0	2	617	1299
% App. Total	85.2	0	0	14.8		4.3	94.3	0	1.4		0	0	0	100		1.9	97.7	0	0.3		
PHF	.411	.000	.000	.500	.450	.778	.926	.000	.563	.931	.000	.000	.000	.250	.250	.600	.871	.000	.250	.876	.887

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:MS/TH
BOARDS #'s:A/B
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File Name : 18TPALD4
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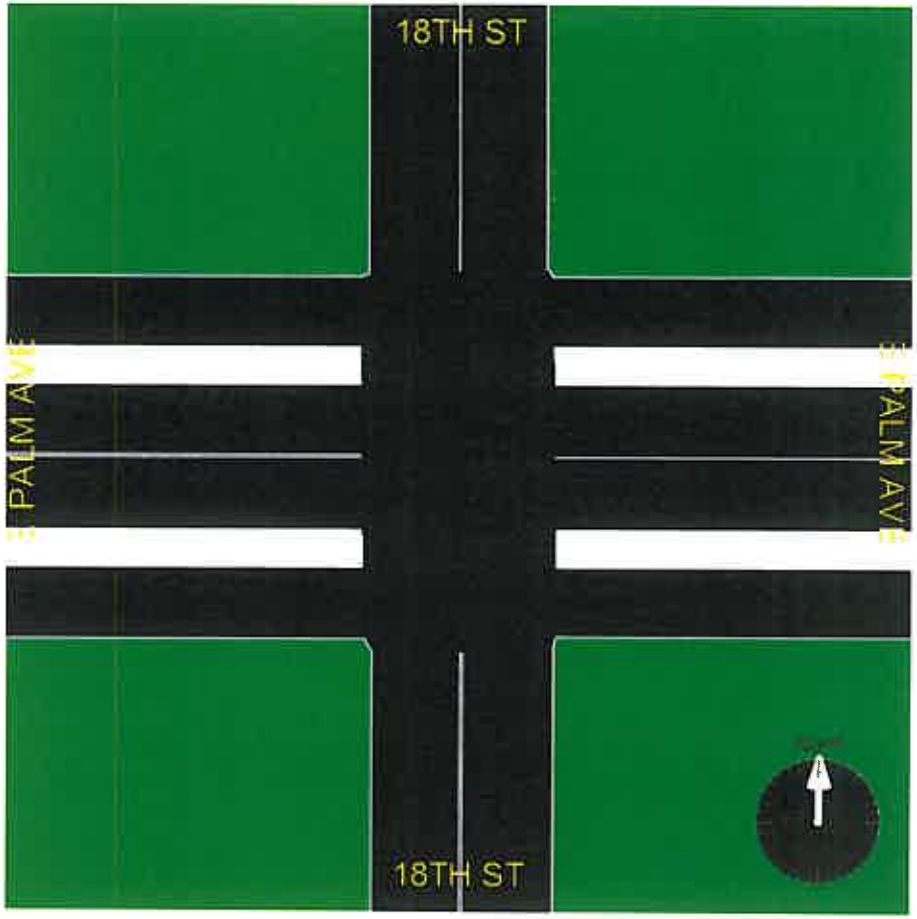

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:TH
BOARDS #'s:D
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File Name : 17TPALD4
Site Code : 00000000
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Groups Printed- Unshifted - Bank 1

	17TH ST From North					E PALM From East					17TH ST From South					E PALM From West					
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
07:00	0	0	1	1	2	1	113	5	1	120	0	0	2	2	4	0	22	0	0	22	148
07:15	0	0	0	8	8	4	124	7	2	137	2	0	2	2	6	1	46	2	2	51	202
07:30	2	0	2	8	12	1	165	5	3	174	2	0	3	5	10	3	48	2	9	62	258
07:45	0	0	0	6	6	1	168	11	1	181	3	1	5	0	9	3	57	1	0	61	257
Total	2	0	3	23	28	7	570	28	7	612	7	1	12	9	29	7	173	5	11	196	865
08:00	1	0	0	3	4	1	138	11	1	151	2	2	4	1	9	2	51	2	0	55	219
08:15	2	2	0	3	7	0	112	9	0	121	4	0	2	1	7	2	41	3	0	46	181
08:30	1	1	0	0	2	3	103	8	0	114	2	0	1	0	3	2	42	3	2	49	168
08:45	1	0	1	3	5	2	89	6	2	99	2	1	3	1	7	1	40	2	3	46	157
Total	5	3	1	9	18	6	442	34	3	485	10	3	10	3	26	7	174	10	5	196	725
09:00	1	1	1	3	6	3	86	7	1	97	3	1	2	2	8	2	39	2	2	45	156
09:15	2	1	2	2	7	2	81	6	0	89	3	0	2	2	7	1	37	2	2	42	145
09:30	1	1	1	1	4	2	77	5	4	88	2	1	2	1	6	1	35	3	1	40	138
09:45	3	0	1	0	4	0	68	9	3	80	2	2	1	3	8	1	43	7	2	53	145
Total	7	3	5	6	21	7	312	27	8	354	10	4	7	8	29	5	154	14	7	180	584
10:00	1	1	0	3	5	0	79	4	9	92	6	1	3	5	15	5	41	5	1	52	164
10:15	2	2	1	1	6	3	57	5	5	70	4	2	5	3	14	2	45	2	3	52	142
10:30	1	1	2	1	5	1	73	9	2	85	5	1	7	3	16	2	39	3	4	48	154
10:45	1	1	2	2	6	2	58	6	1	67	3	1	3	2	9	3	42	3	0	48	130
Total	5	5	5	7	22	6	267	24	17	314	18	5	18	13	54	12	167	13	8	200	590
11:00	2	1	1	2	6	1	49	3	2	55	4	1	1	1	7	4	50	5	0	59	127

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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BOARDS #'s:D
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Groups Printed- Unshifted - Bank 1

	17TH ST From North					E PALM From East					17TH ST From South					E PALM From West					
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
11:15	2	1	2	5	10	1	53	2	1	57	5	2	4	3	14	5	36	4	1	46	127
11:30	2	1	2	3	8	0	47	7	3	57	6	1	5	1	13	2	59	6	2	69	147
11:45	3	1	2	4	10	1	58	8	3	70	5	0	6	2	13	3	61	5	0	69	162
Total	9	4	7	14	34	3	207	20	9	239	20	4	16	7	47	14	206	20	3	243	563
12:00	3	1	9	5	18	0	84	8	2	94	5	1	7	2	15	7	60	11	1	79	206
12:15	3	2	5	2	12	2	77	8	1	88	9	3	7	5	24	3	99	2	3	107	231
12:30	2	0	1	3	6	0	71	8	1	80	9	1	2	0	12	1	70	2	0	73	171
12:45	4	1	1	5	11	1	60	3	0	64	5	1	9	0	15	0	61	1	0	62	152
Total	12	4	16	15	47	3	292	27	4	326	28	6	25	7	66	11	290	16	4	321	760
13:00	2	2	2	2	8	2	76	9	2	89	6	2	7	0	15	2	67	5	1	75	187
13:15	0	0	2	3	5	0	62	3	1	66	3	3	5	1	12	4	71	4	1	80	163
13:30	2	1	1	6	10	1	80	7	1	89	8	2	6	1	17	3	81	2	1	87	203
13:45	2	1	1	1	5	2	71	8	1	82	4	1	7	3	15	3	88	2	3	96	198
Total	6	4	6	12	28	5	289	27	5	326	21	8	25	5	59	12	307	13	6	338	751
14:00	2	1	1	3	7	0	73	3	0	76	5	3	9	4	21	1	78	5	2	86	190
14:15	3	1	1	0	5	2	60	3	1	66	4	2	4	2	12	3	54	3	0	60	143
14:30	1	1	1	3	6	0	74	6	1	81	5	1	6	1	13	1	60	2	1	64	164
14:45	1	1	2	2	6	0	65	7	1	73	5	2	4	0	11	2	72	3	0	77	167
Total	7	4	5	8	24	2	272	19	3	296	19	8	23	7	57	7	264	13	3	287	664
15:00	1	1	1	1	4	0	49	2	0	51	5	0	6	0	11	2	79	3	0	84	150
15:15	3	0	0	2	5	1	68	8	4	81	8	1	6	1	16	3	98	3	2	106	208

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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Groups Printed- Unshifted - Bank 1

	17TH ST From North					E PALM From East					17TH ST From South					E PALM From West					
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
15:30	2	1	1	1	5	0	66	8	0	74	7	1	7	0	15	3	87	4	0	94	188
15:45	1	0	0	1	2	0	71	7	1	79	5	1	8	3	17	4	76	4	2	86	184
Total	7	2	2	5	16	1	254	25	5	285	25	3	27	4	59	12	340	14	4	370	730
16:00	3	0	1	4	8	0	66	7	6	79	7	5	5	4	21	3	85	3	5	96	204
16:15	0	1	2	6	9	0	73	11	0	84	3	0	5	0	8	2	61	2	1	66	167
16:30	0	1	0	7	8	2	85	8	3	98	6	1	4	2	13	5	108	5	0	118	237
16:45	0	1	2	3	6	0	109	9	2	120	9	1	4	3	17	5	130	2	1	138	281
Total	3	3	5	20	31	2	333	35	11	381	25	7	18	9	59	15	384	12	7	418	889
17:00	1	1	1	5	8	4	100	6	0	110	5	1	7	1	14	2	141	4	0	147	279
17:15	4	1	1	5	11	1	132	10	0	143	8	2	6	1	17	5	143	9	0	157	328
17:30	2	0	1	2	5	1	102	8	0	111	6	3	8	3	20	7	100	8	0	115	251
17:45	3	1	2	6	12	2	97	11	0	110	3	2	4	3	12	5	84	5	1	95	229
Total	10	3	5	18	36	8	431	35	0	474	22	8	25	8	63	19	468	26	1	514	1087
18:00	2	1	0	5	8	1	87	9	1	98	4	1	7	2	14	3	86	5	0	94	214
18:15	2	2	1	4	9	1	73	7	0	81	7	1	1	0	9	2	72	3	0	77	176
18:30	0	2	3	0	5	1	56	5	4	66	3	5	4	1	13	4	83	6	0	93	177
18:45	0	0	0	1	1	1	66	8	2	77	3	3	4	2	12	9	81	3	4	97	187
Total	4	5	4	10	23	4	282	29	7	322	17	10	16	5	48	18	322	17	4	361	754
19:00	1	0	0	4	5	0	46	5	2	53	3	1	1	0	5	3	55	3	2	63	126
19:15	3	2	0	0	5	0	43	8	0	51	2	1	4	0	7	3	50	5	0	58	121
19:30	1	0	0	3	4	0	43	2	1	46	2	3	2	3	10	1	46	2	0	49	109

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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Groups Printed- Unshifted - Bank 1

	17TH ST From North					E PALM From East					17TH ST From South					E PALM From West					
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
19:45	1	0	0	0	1	0	35	6	0	41	6	2	3	2	13	3	57	3	0	63	118
Total	6	2	0	7	15	0	167	21	3	191	13	7	10	5	35	10	208	13	2	233	474
20:00	3	2	2	4	11	0	31	7	0	38	3	2	2	0	7	2	67	1	0	70	126
20:15	2	2	1	3	8	1	30	6	0	37	4	3	2	0	9	2	66	2	0	70	124
20:30	1	1	0	3	5	0	29	6	0	35	3	2	3	0	8	2	62	1	0	65	113
20:45	2	2	1	2	7	1	28	7	0	36	3	2	2	0	7	1	61	2	0	64	114
Total	8	7	4	12	31	2	118	26	0	146	13	9	9	0	31	7	256	6	0	269	477
21:00	1	1	0	2	4	1	28	5	0	34	2	1	3	0	6	2	59	1	0	62	106
Grand Total	92	50	68	168	378	57	4264	382	82	4785	250	84	244	90	668	158	3772	193	65	4188	10019
Apprch %	24.3	13.2	18	44.4		1.2	89.1	8	1.7		37.4	12.6	36.5	13.5		3.8	90.1	4.6	1.6		
Total %	0.9	0.5	0.7	1.7	3.8	0.6	42.6	3.8	0.8	47.8	2.5	0.8	2.4	0.9	6.7	1.6	37.6	1.9	0.6	41.8	
Unshifted	92	50	68	168	378	57	4264	382	82	4785	250	84	244	90	668	158	3772	193	65	4188	10019
% Unshifted	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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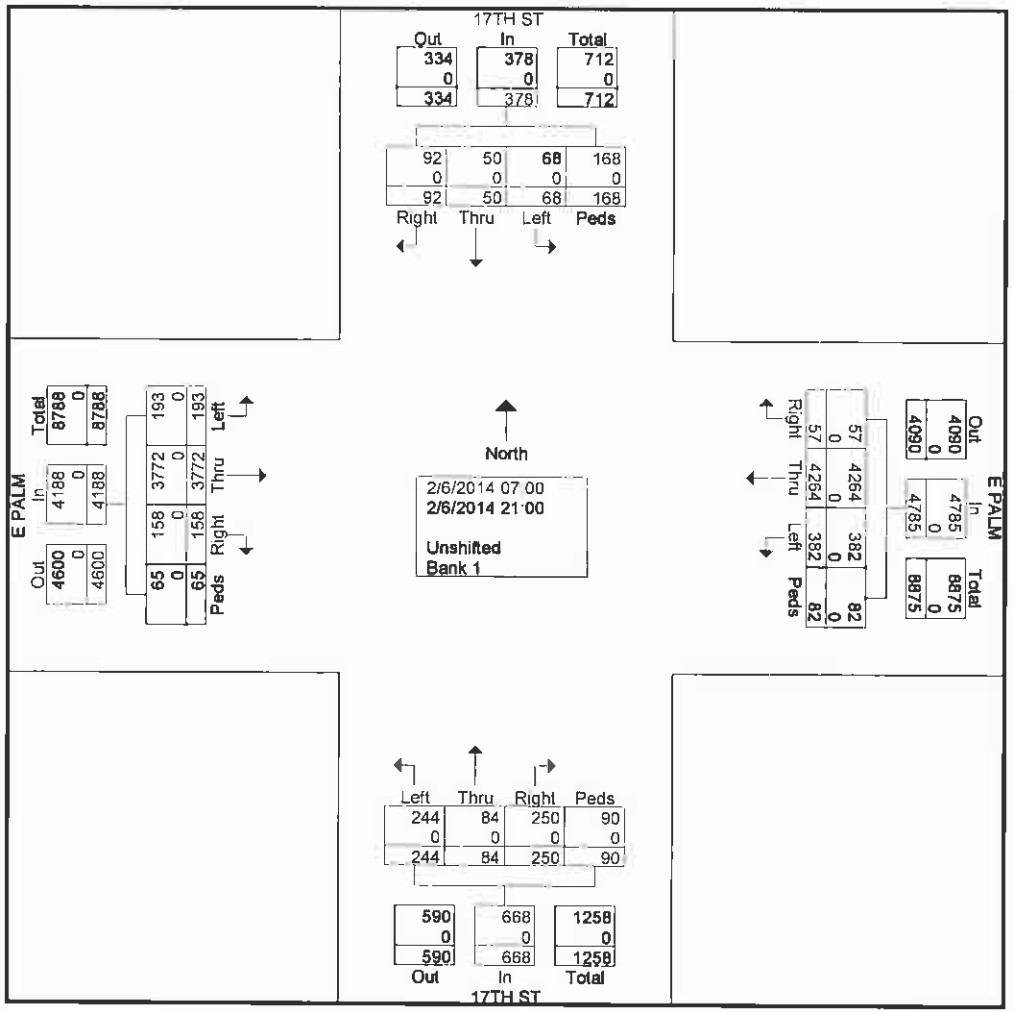

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
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BOARDS #'s:D
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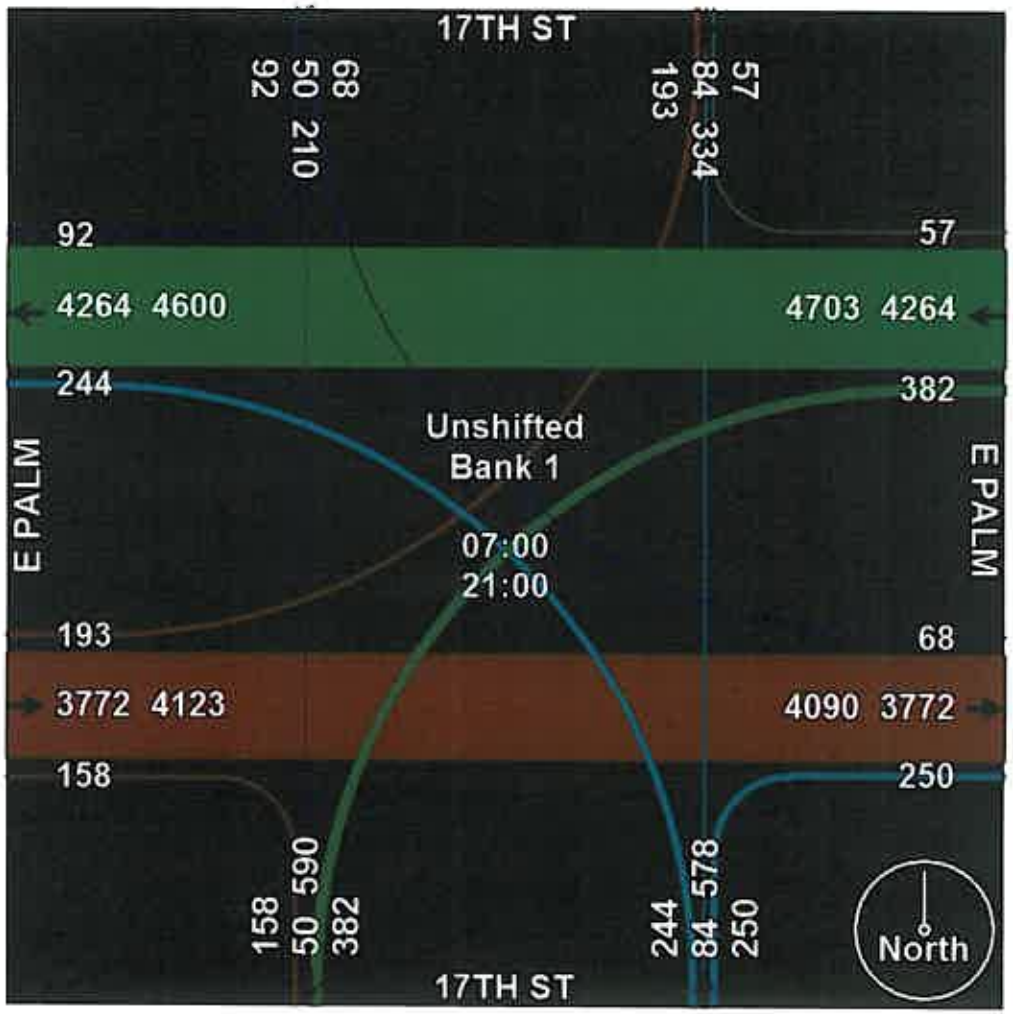

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:TH
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	17TH ST From North					E PALM From East					17TH ST From South					E PALM From West					
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 to 09:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	0	0	0	8	8	4	124	7	2	137	2	0	2	2	6	1	46	2	2	51	202
07:30	2	0	2	8	12	1	165	5	3	174	2	0	3	5	10	3	48	2	9	62	258
07:45	0	0	0	6	6	1	168	11	1	181	3	1	5	0	9	3	57	1	0	61	257
08:00	1	0	0	3	4	1	138	11	1	151	2	2	4	1	9	2	51	2	0	55	219
Total Volume	3	0	2	25	30	7	595	34	7	643	9	3	14	8	34	9	202	7	11	229	936
% App. Total	10	0	6.7	83.3		1.1	92.5	5.3	1.1		26.5	8.8	41.2	23.5		3.9	88.2	3.1	4.8		
PHF	.375	.000	.250	.781	.625	.438	.885	.773	.583	.888	.750	.375	.700	.400	.850	.750	.886	.875	.306	.923	.907
Peak Hour Analysis From 11:00 to 14:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:45																					
11:45	3	1	2	4	10	1	58	8	3	70	5	0	6	2	13	3	61	5	0	69	162
12:00	3	1	9	5	18	0	84	8	2	94	5	1	7	2	15	7	60	11	1	79	206
12:15	3	2	5	2	12	2	77	8	1	88	9	3	7	5	24	3	99	2	3	107	231
12:30	2	0	1	3	6	0	71	8	1	80	9	1	2	0	12	1	70	2	0	73	171
Total Volume	11	4	17	14	46	3	290	32	7	332	28	5	22	9	64	14	290	20	4	328	770
% App. Total	23.9	8.7	37	30.4		0.9	87.3	9.6	2.1		43.8	7.8	34.4	14.1		4.3	88.4	6.1	1.2		
PHF	.917	.500	.472	.700	.639	.375	.863	1.00	.583	.883	.778	.417	.786	.450	.667	.500	.732	.455	.333	.766	.833

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:TH
BOARDS #'s:D
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	17TH ST From North					E PALM From East					17TH ST From South					E PALM From West					
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 15:00 to 20:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	0	1	2	3	6	0	109	9	2	120	9	1	4	3	17	5	130	2	1	138	281
17:00	1	1	1	5	8	4	100	6	0	110	5	1	7	1	14	2	141	4	0	147	279
17:15	4	1	1	5	11	1	132	10	0	143	8	2	6	1	17	5	143	9	0	157	328
17:30	2	0	1	2	5	1	102	8	0	111	6	3	8	3	20	7	100	8	0	115	251
Total Volume	7	3	5	15	30	6	443	33	2	484	28	7	25	8	68	19	514	23	1	557	1139
% App. Total	23.3	10	16.7	50		1.2	91.5	6.8	0.4		41.2	10.3	36.8	11.8		3.4	92.3	4.1	0.2		
PHF	.438	.750	.625	.750	.682	.375	.839	.825	.250	.846	.778	.583	.781	.667	.850	.679	.899	.639	.250	.887	.868

TRAFFIC MOVEMENT COUNTS

306 E. JACKSON STREET
TAMPA,FLORIDA 33602
(813) 274-8114

WEATHER:CLEAR
COLLECTED BY:TH
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