

# **Tschirley / Saltese Apartments**

## **Second Traffic Meeting**

Presentation Materials Available at  
[TrafficMeetings.com](https://TrafficMeetings.com)

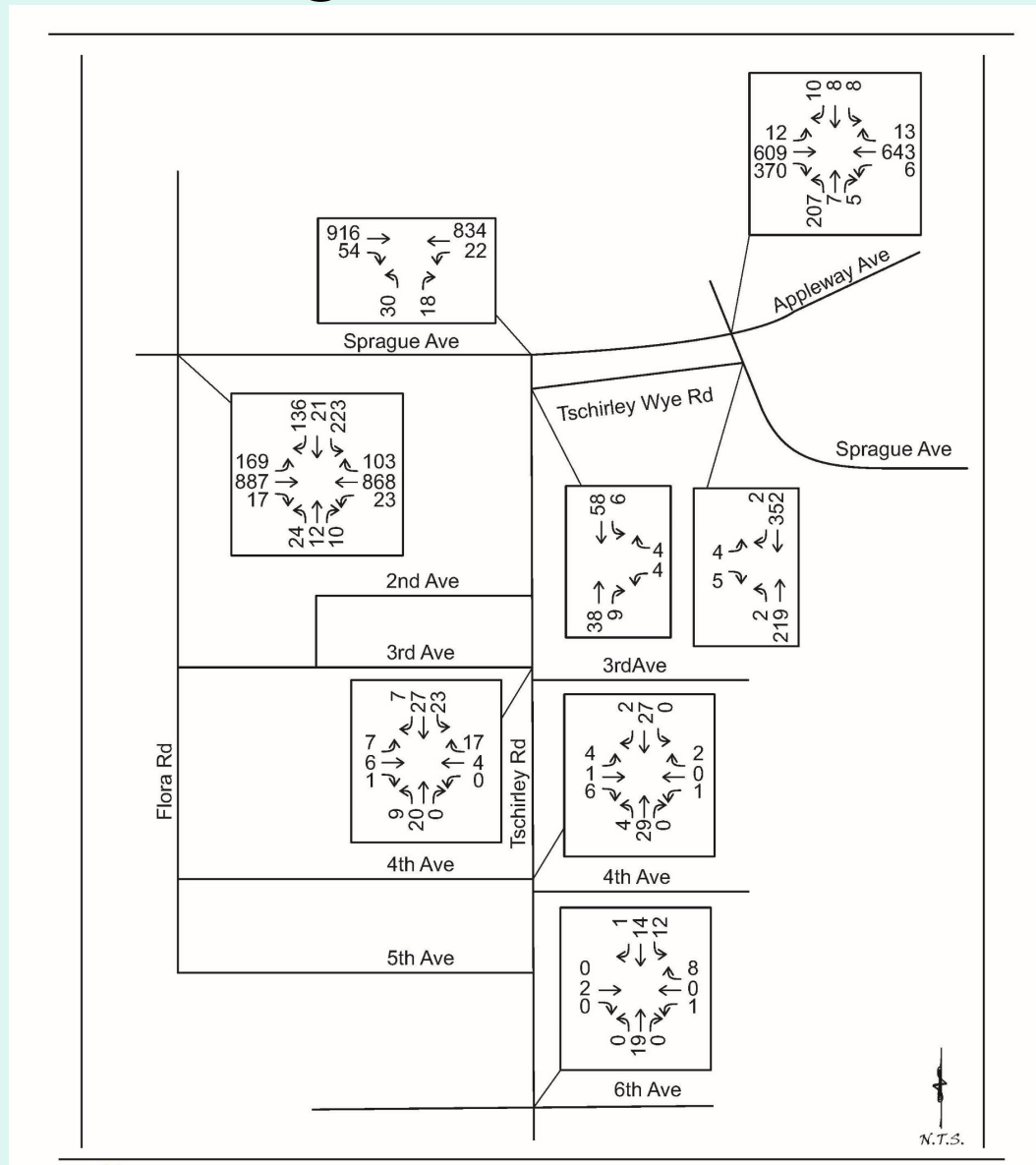
Please take pictures of any slides

Followed by another traffic meeting to scope the TIA for a long plat south of apartments.

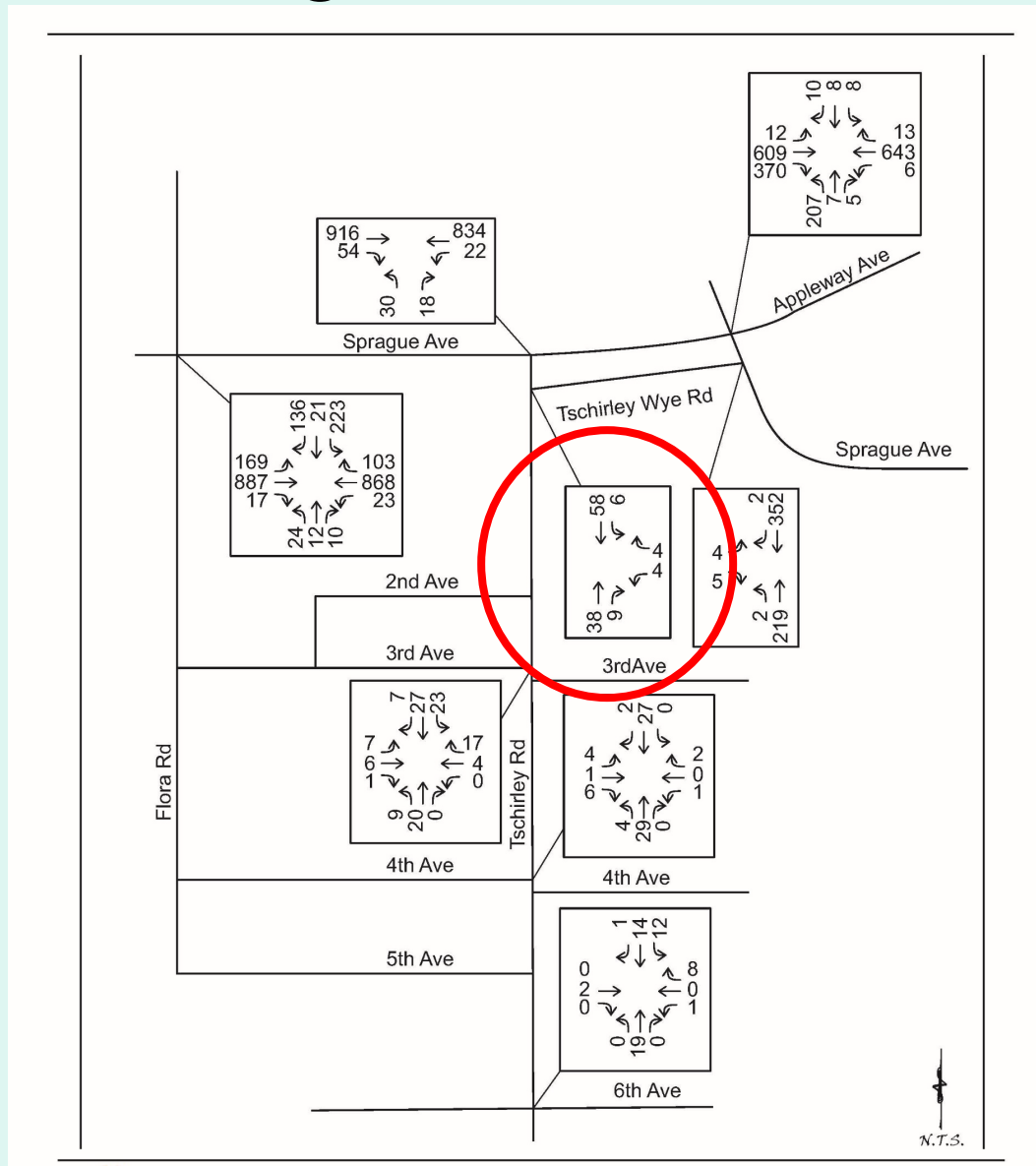
# Purpose of Meeting

- Share results of traffic study conducted for apartments
- Discuss changes since last meeting

# Existing PM Peak Traffic



# Existing PM Peak Traffic



# Level of Service Analysis Requirements

## Unsignalized Intersection

- LOS A OK
- LOS B OK
- LOS C OK
- LOS D OK
- LOS E OK
- LOS F Mitigation

# Level of Service Analysis Requirements

## Signalized Intersection

- LOS A OK
- LOS B OK
- LOS C OK
- LOS D OK
- LOS E Mitigation
- LOS F Mitigation

# Existing Level of Service

INTERSECTION	EXISTING	
	P.M.	
	DELAY	LOS
Appleway / Sprague / Corbin*	14.1	B
Sprague / Tschirley Wye	11.6	B
Sprague / Tschirley	20.2	C
Tschirley / Tschirley Wye	9.0	A
Tschirley / 3rd	9.7	A
Tschirley / 4th	8.8	A
Tschirley / 6th	9.4	A
Sprague / Flora*	20.6	C

\* Signalized Intersection - others two-way, stop-controlled

# Level of Service Analysis Requirements

## Unsignalized Intersection

- LOS A OK
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- LOS D OK
- LOS E OK
- LOS F Mitigation

# Level of Service Analysis Requirements

## Signalized Intersection

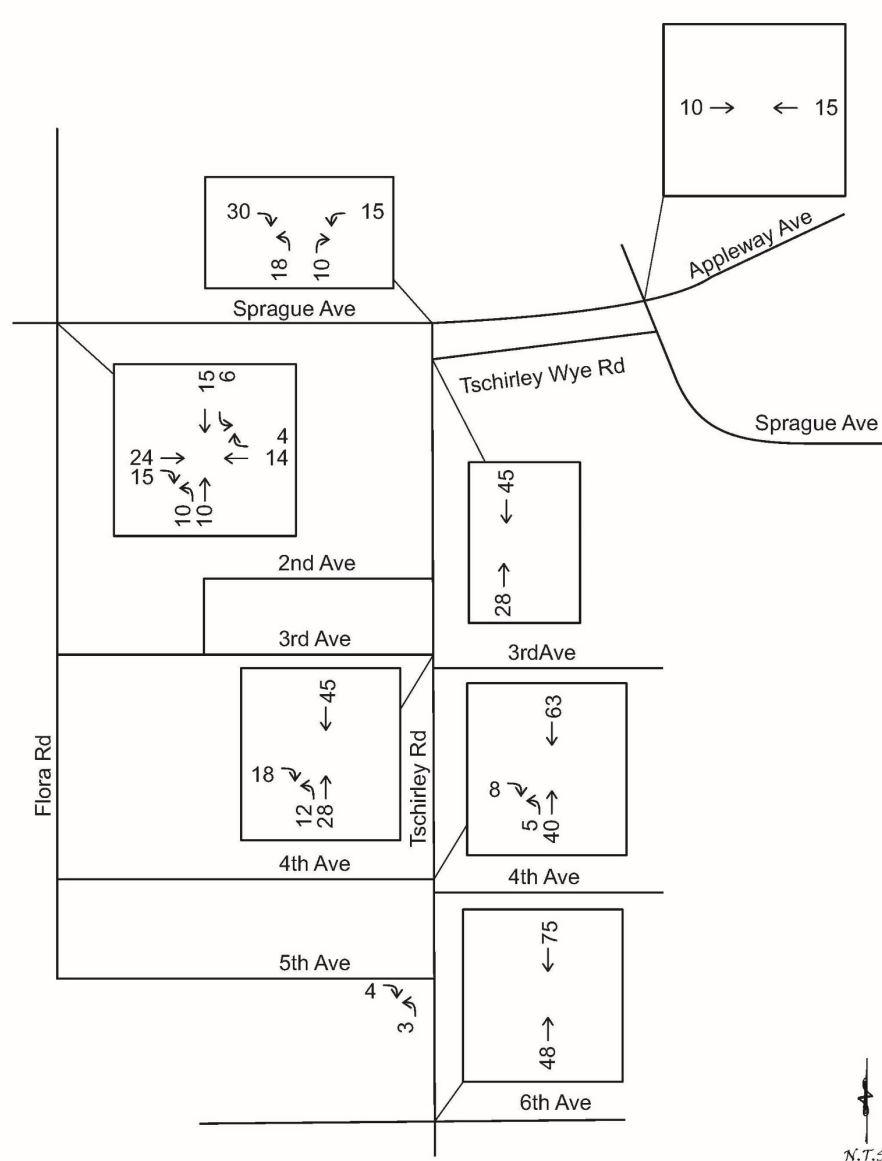
- LOS A OK
- LOS B OK
- LOS C OK 
- LOS D OK
- LOS E Mitigation
- LOS F Mitigation

# Traffic Generated by Apts

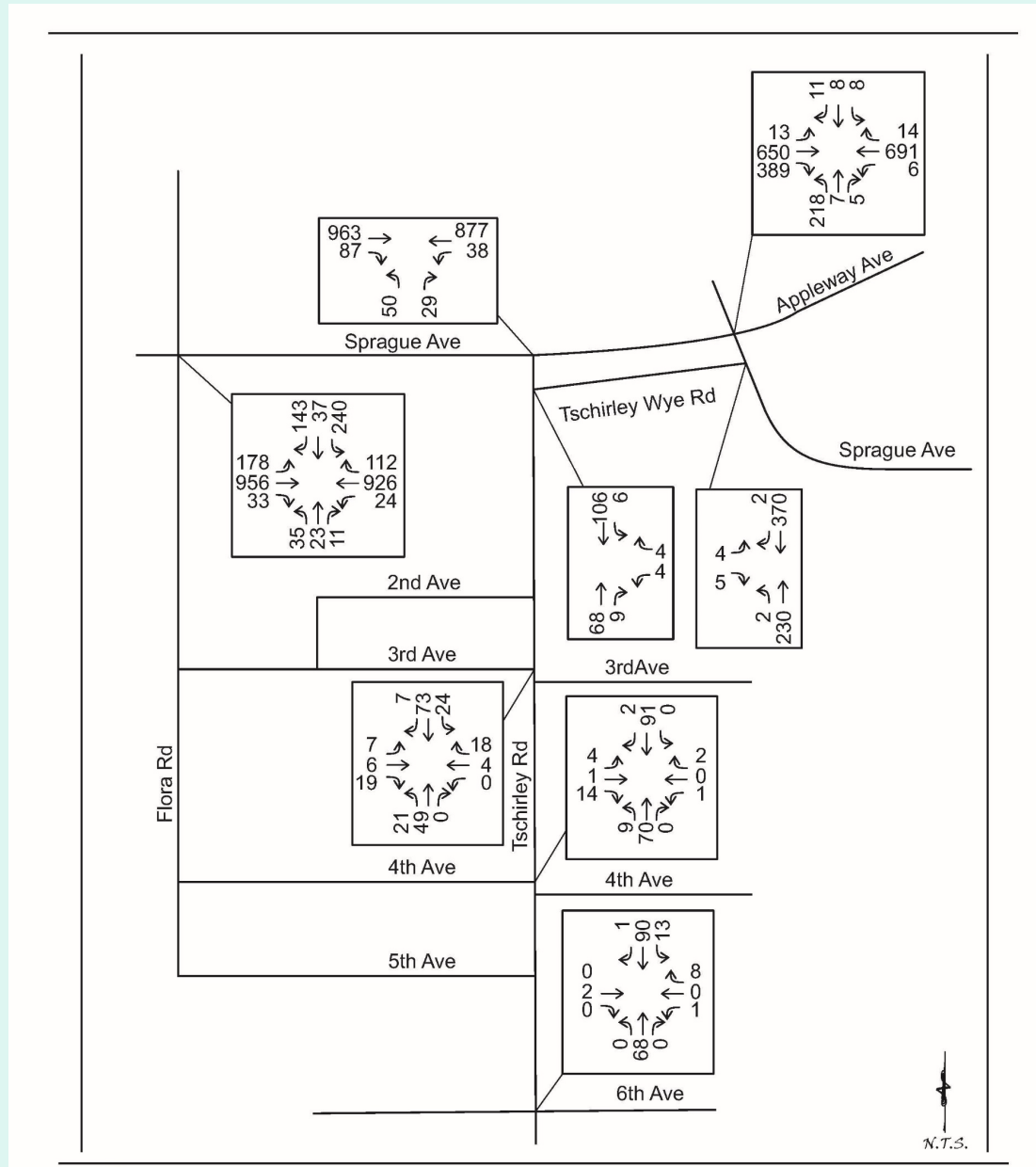
Units	A.M. Peak Hour			P.M. Peak Hour			ADT
	Total Volume	Directional Distribution		Total Volume per Unit	Directional Distribution		Total Volume
		23% In	77% Out		61% In	39% Out	
320	130	30	100	126	77	49	1,480
Alt mode	3	1	2	3	2	1	30
Vehicular	127	29	98	123	75	48	1,450

ADT - Average daily traffic

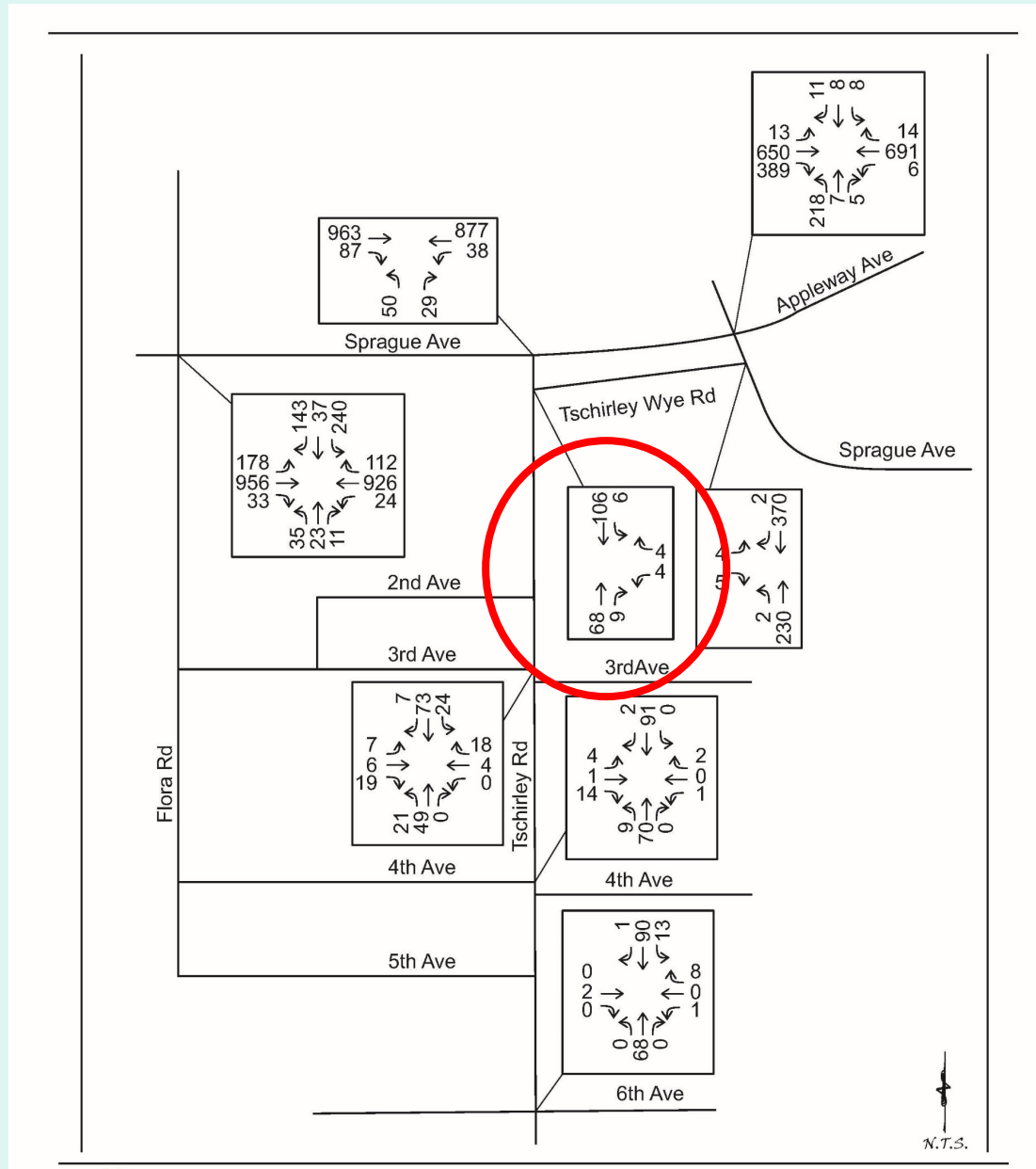
# P.M. Apartment Traffic



# Future PM Peak Traffic with Apartments



# Future PM Peak Traffic with Apartments



# Future Level of Service with Apartments

***Future Level of Service Summary with Project Traffic***

INTERSECTION	2028 w/ Project	
	P.M.	
	DELAY	LOS
Appleway / Sprague / Corbin*	14.7	B
Sprague / Tschirley Wye	11.8	B
Sprague / Tschirley	25.5	D
Tschirley / Tschirley Wye	9.4	A
Tschirley / 3rd	9.7	A
Tschirley / 4th	9.2	A
Tschirley / 6th	10.3	B
Sprague / Flora*	24.0	C

\* Signalized Intersection - others two-way, stop-controlled


# Level of Service Analysis Requirements

## Unsignalized Intersection

- LOS A OK
- LOS B OK
- LOS C OK
- LOS D OK 
- LOS E OK
- LOS F Mitigation

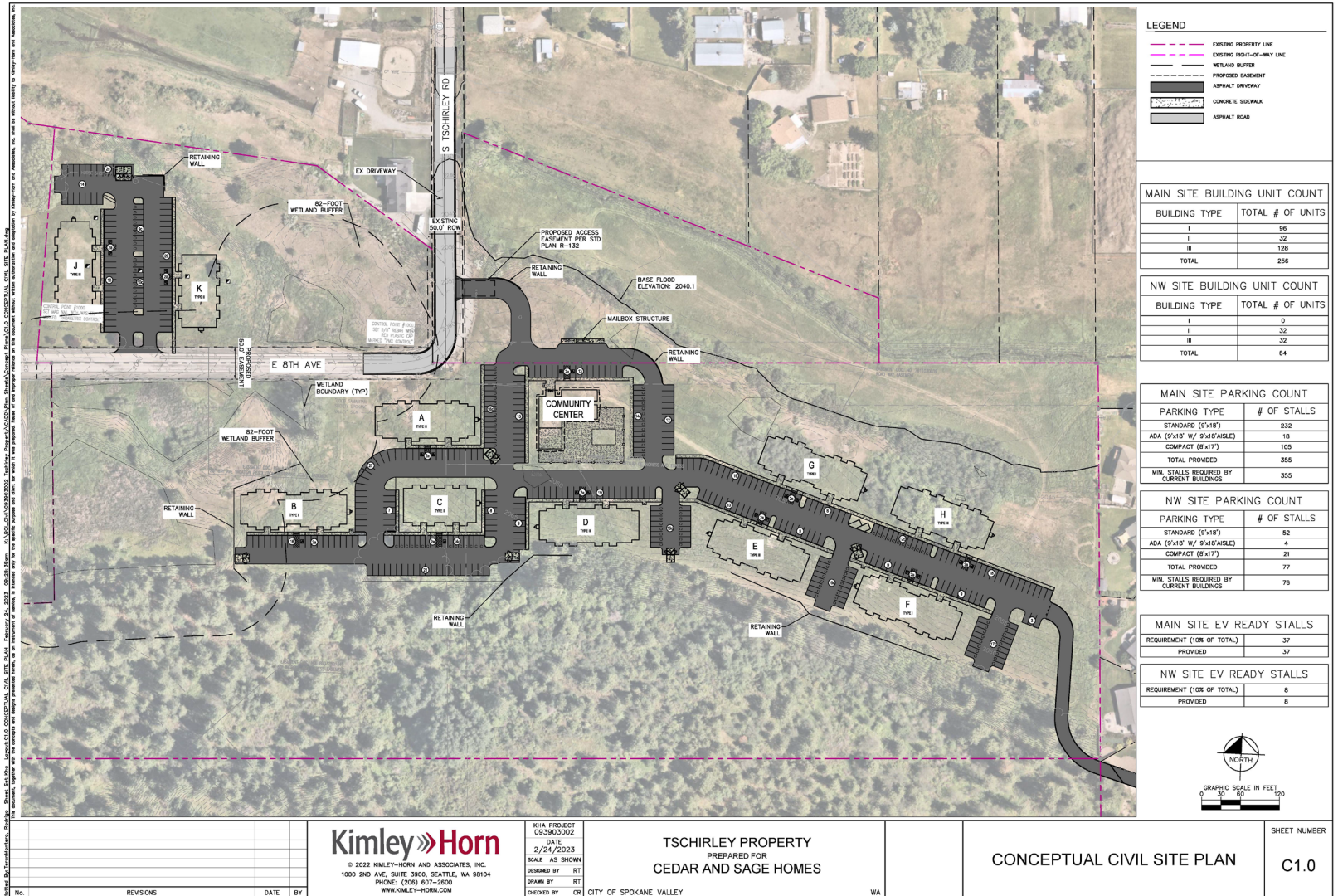
# Level of Service Analysis Requirements

## Signalized Intersection

- LOS A OK
- LOS B OK
- LOS C OK 
- LOS D OK
- LOS E Mitigation
- LOS F Mitigation

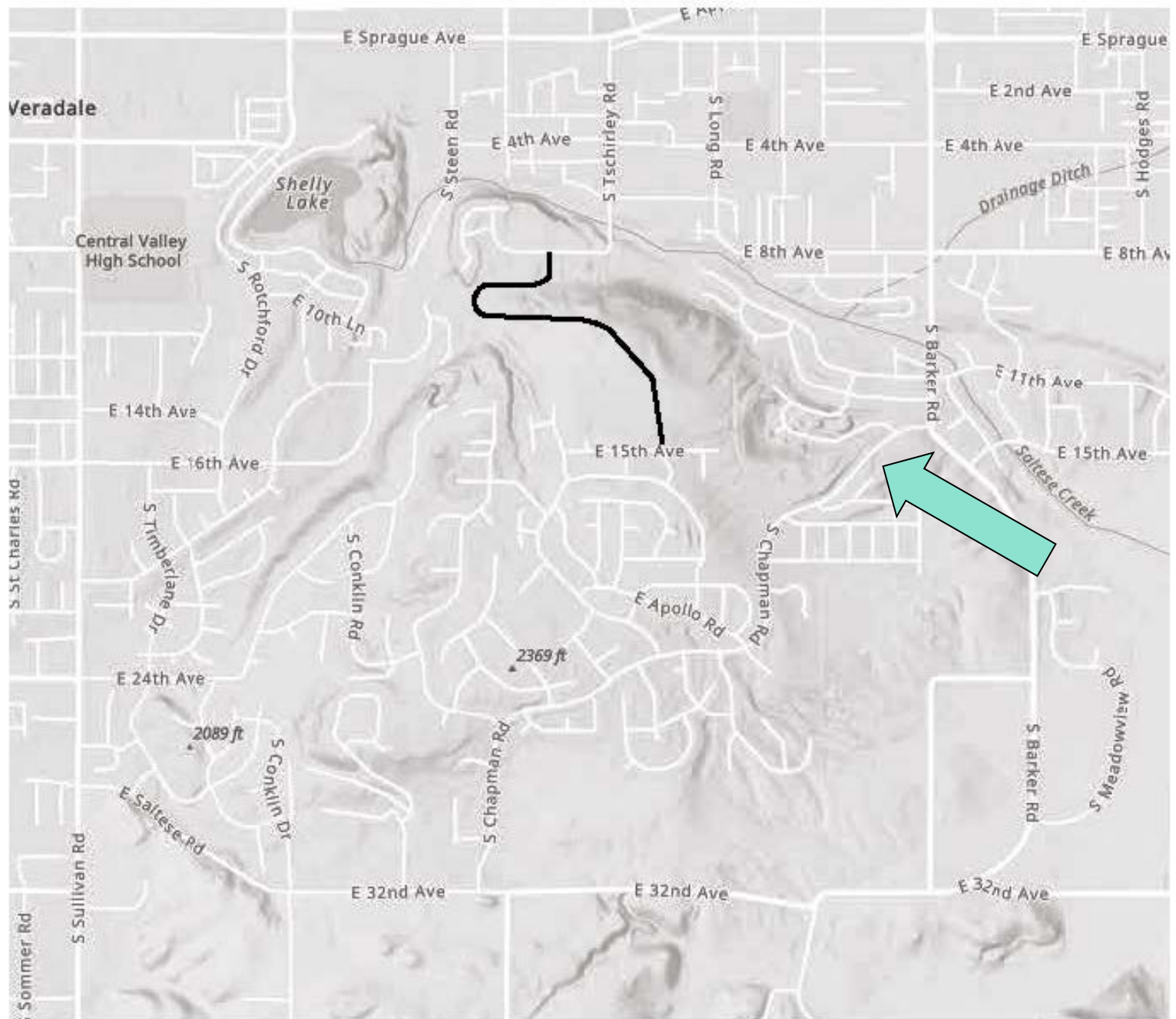
Discuss changes since last  
meeting

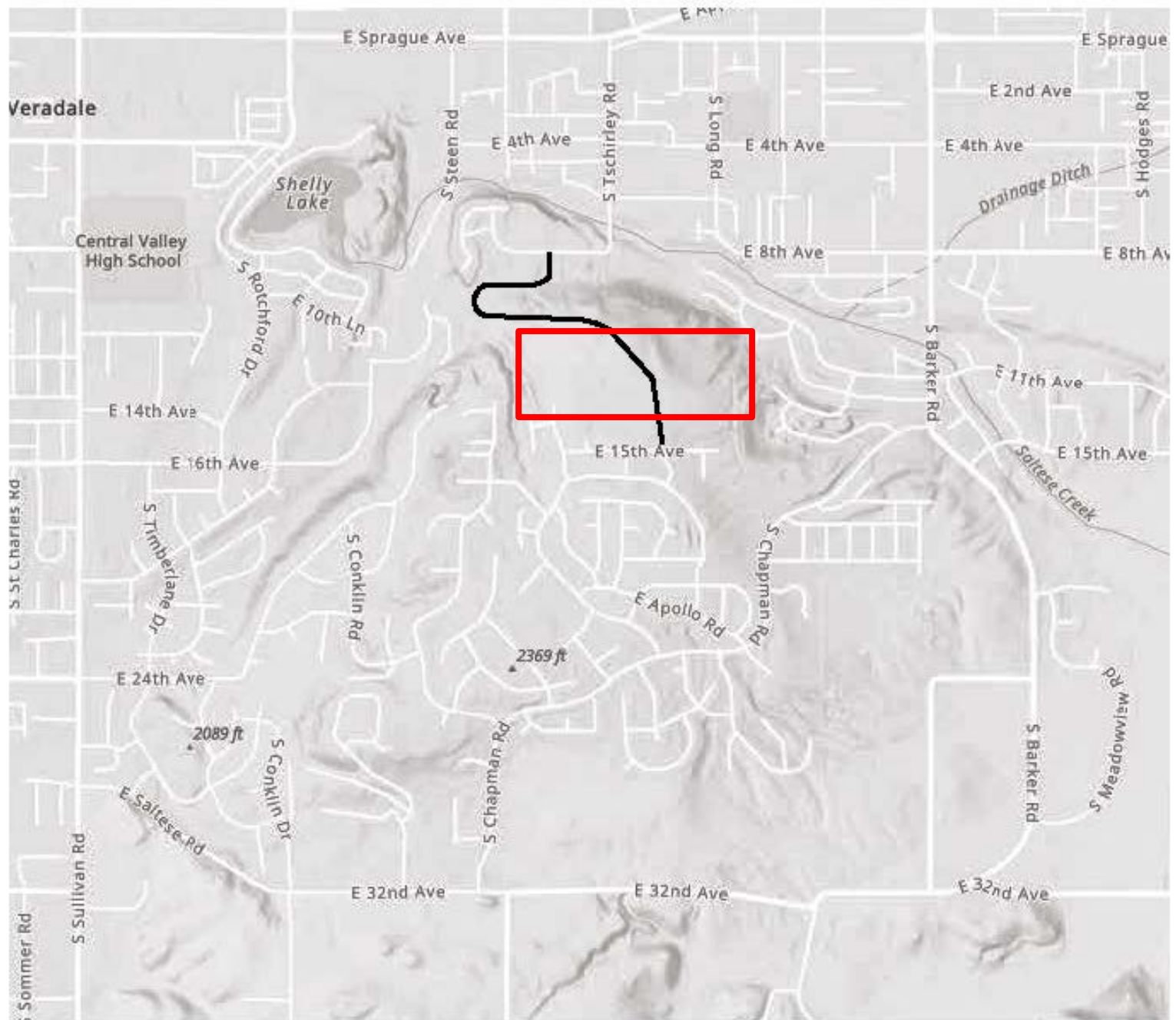
# Apartments - Before



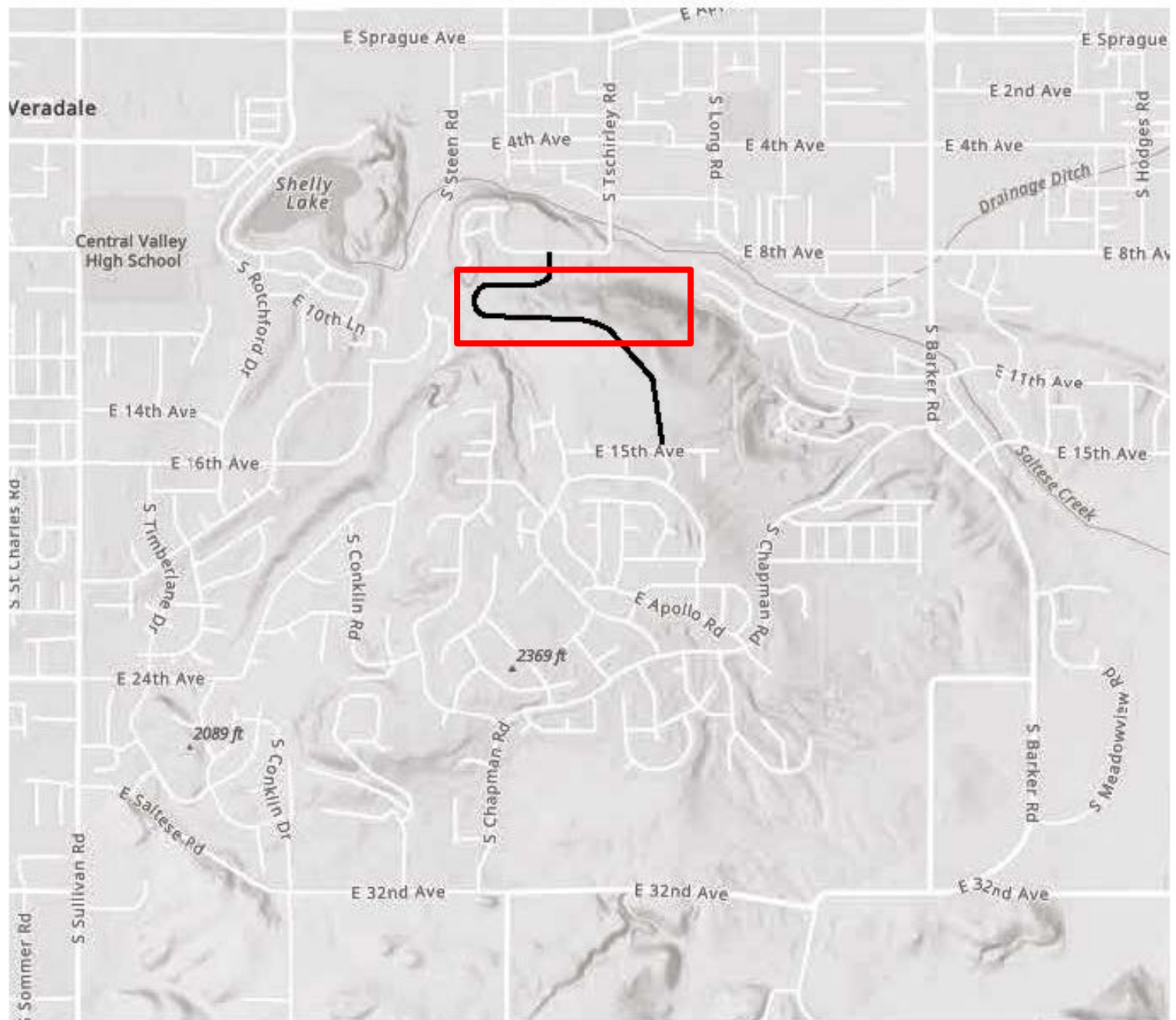
[illegible]

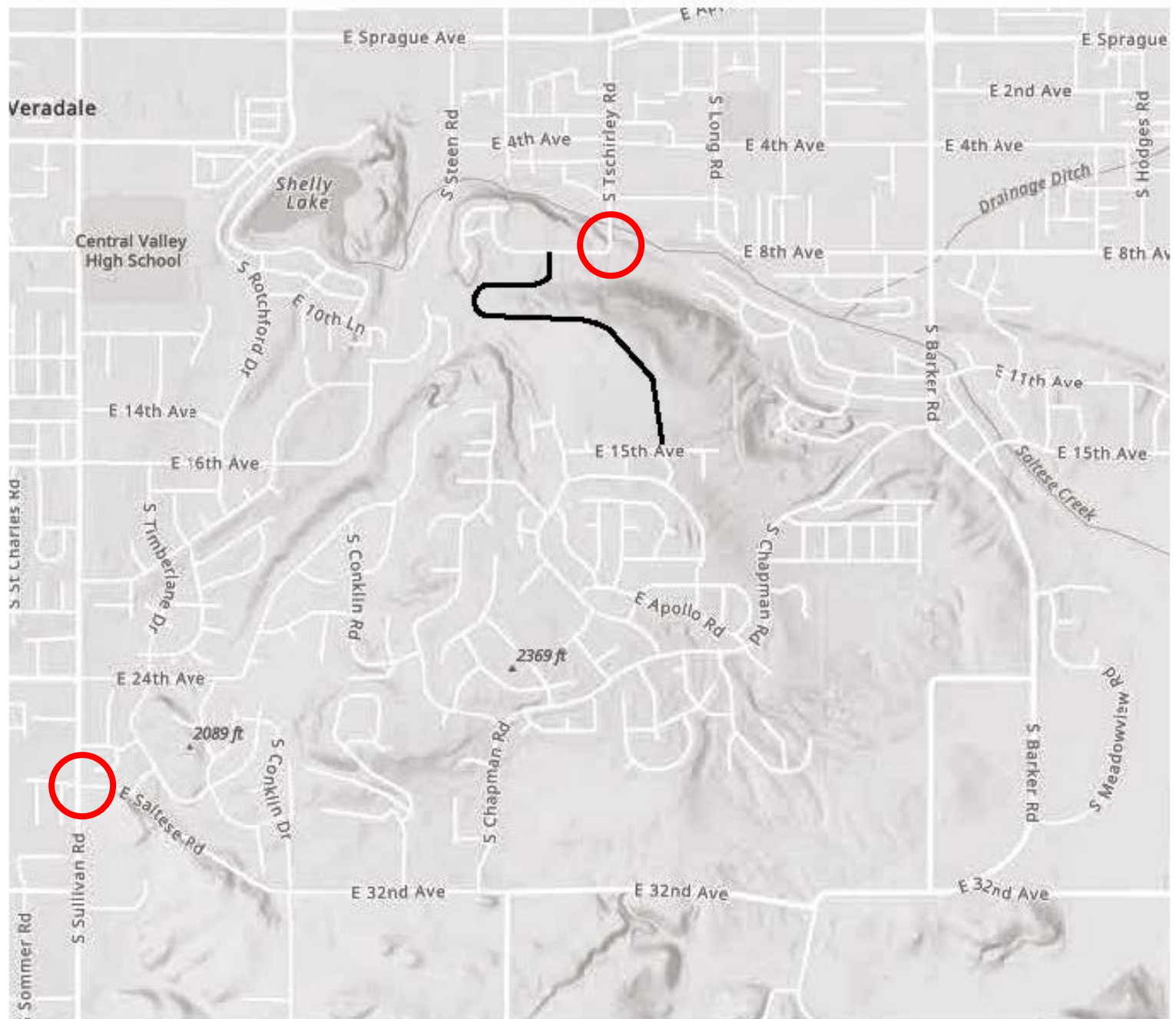


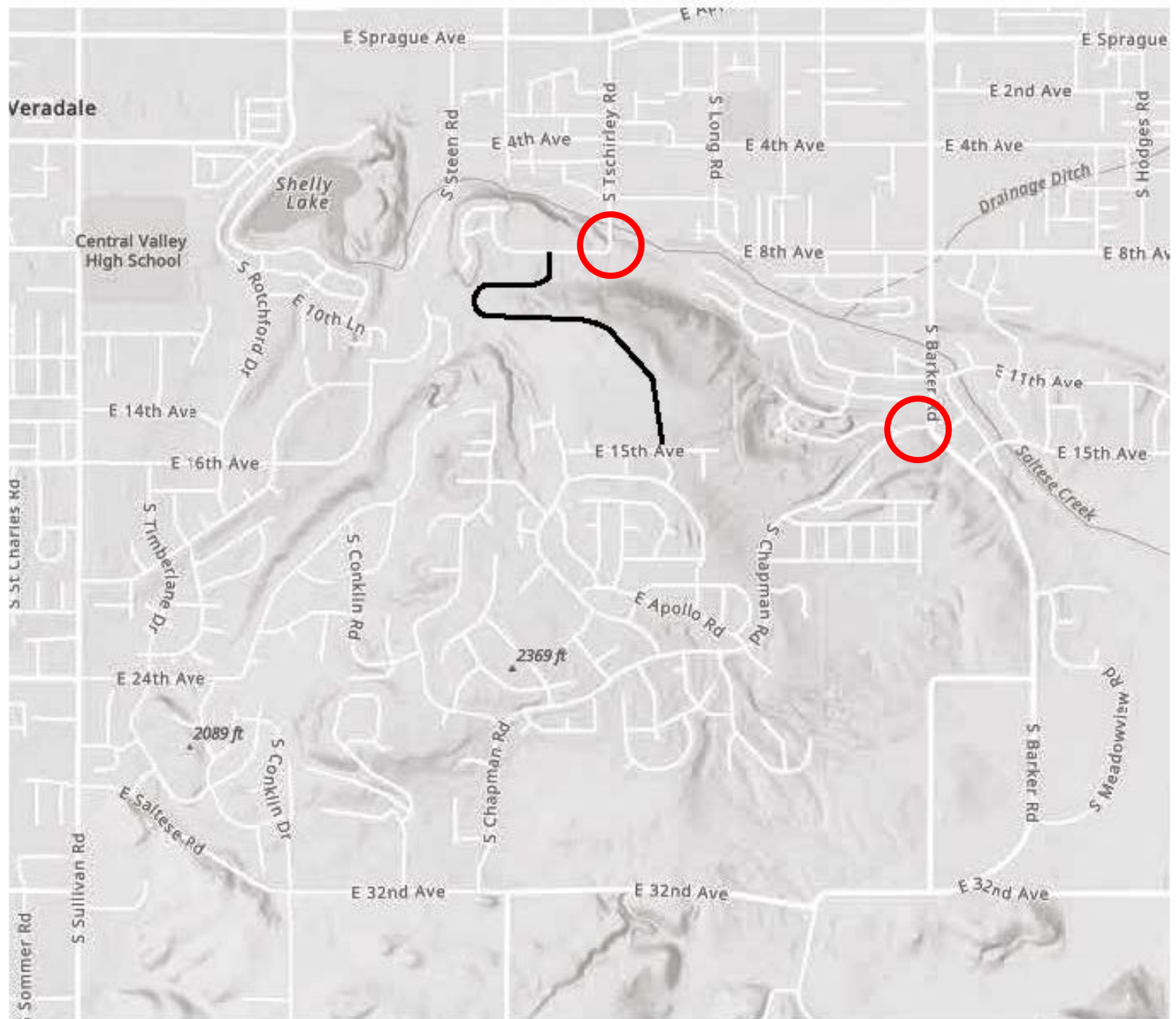




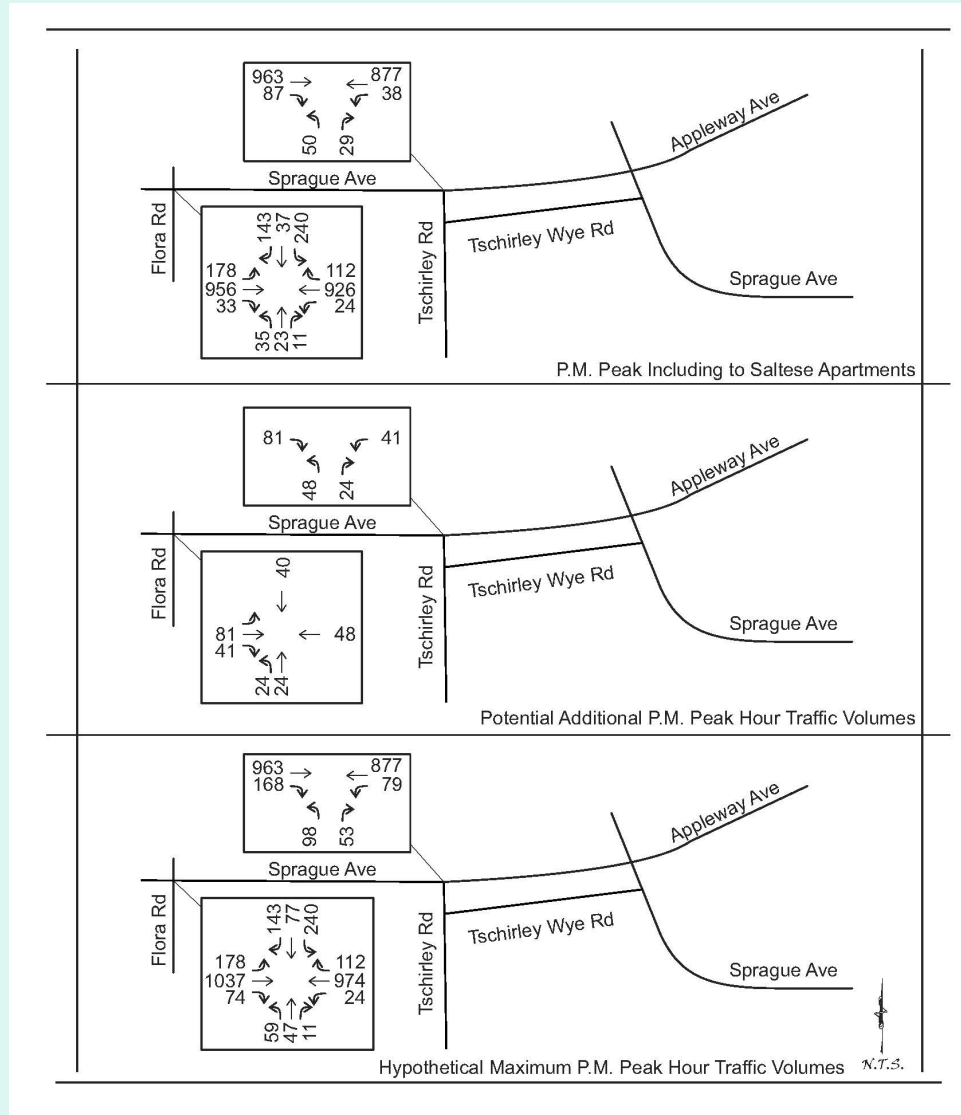




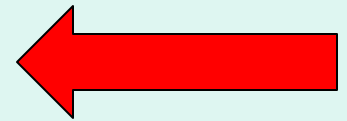
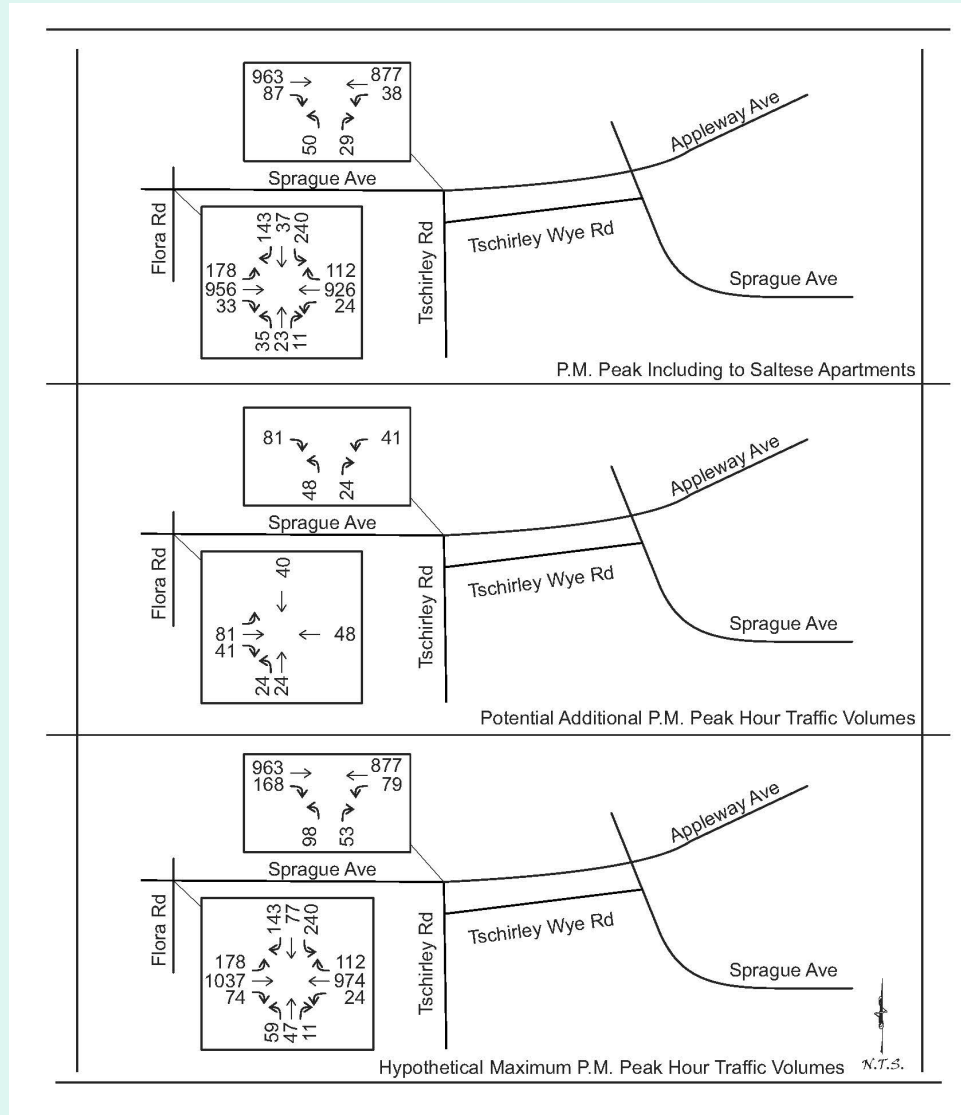




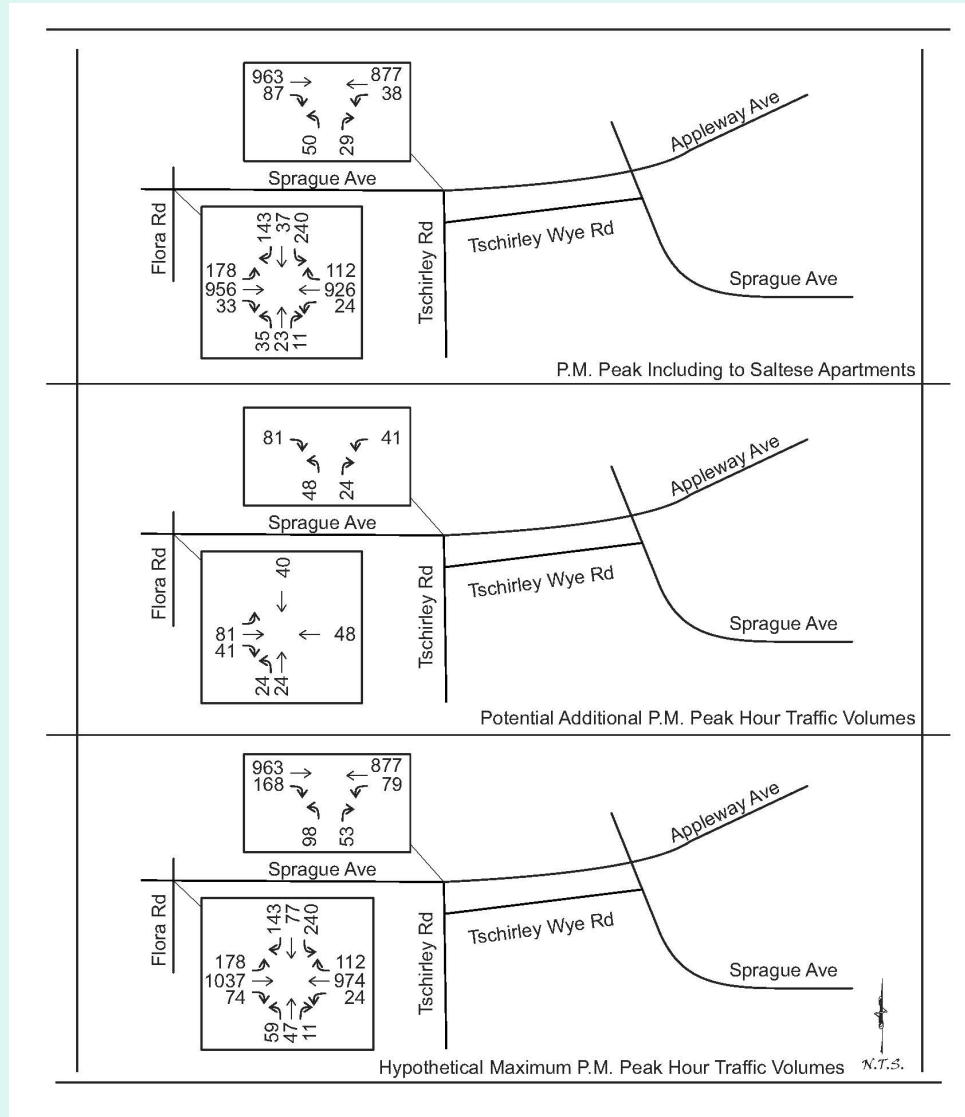
# Ultimate P.M. Peak Hour Traffic Volumes



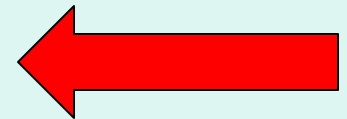
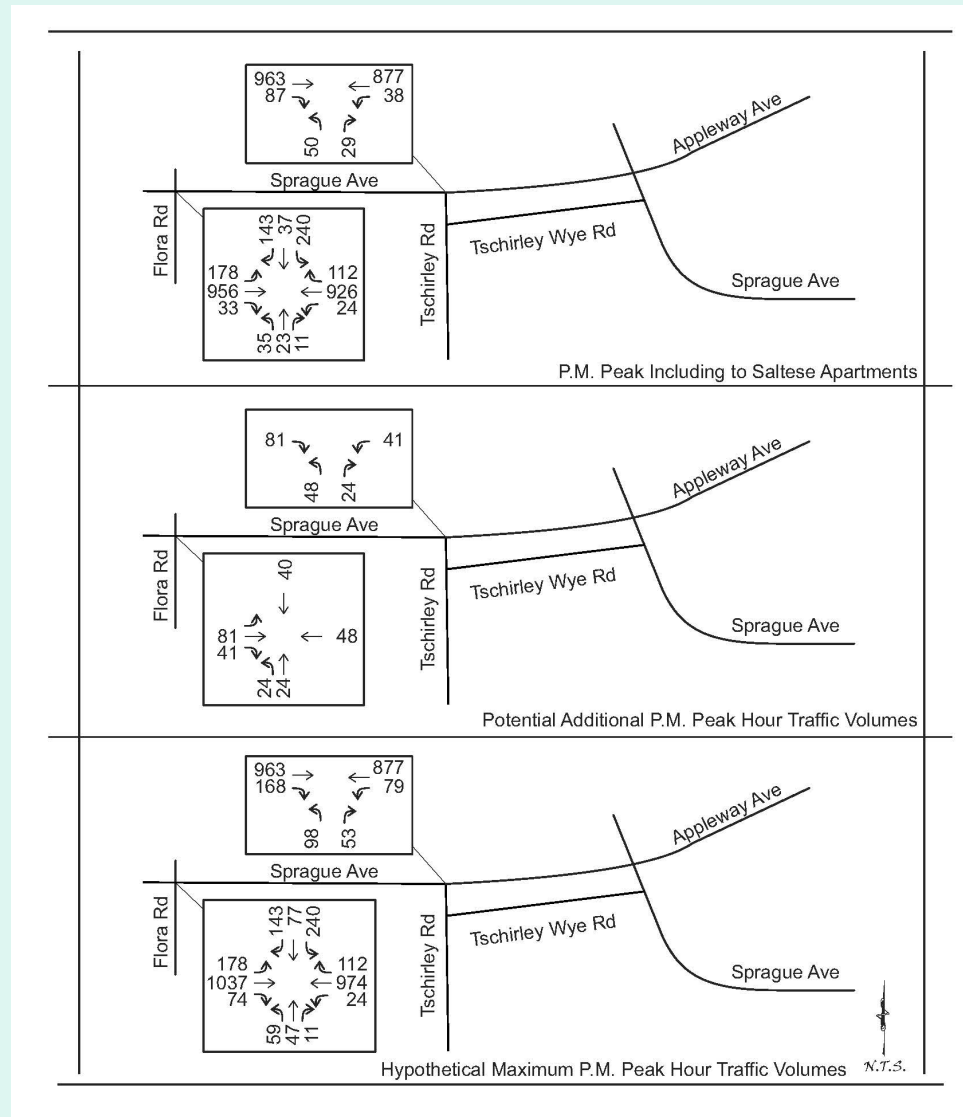
# Ultimate P.M. Peak Hour Traffic Volumes



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# Ultimate P.M. Peak Hour Traffic Volumes



# Potential LOS

## *Level of Service Summary with Hypothetical Maximum Traffic*

INTERSECTION	2028 w/ Everything	
	P.M.	
	DELAY	LOS
Sprague / Tschirley	52.4	F
Sprague / Flora*	27.8	C

\* Signalized Intersection - other two-way, stop-controlled

# Level of Service Analysis

## Unsignalized Intersection

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# Assumptions

- 3,500 average trips per day to Tschirley

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- 3,500 average trips per day to Tschirley
- Distribution of new traffic to Flora / Tschirley
- Existing traffic patterns remain the same

# Results

- Pay fee for South Barker Corridor Improvements
- Conduct LOS at Sprague / Tschirley after connection to Morningside
- Construct pedestrian facilities along Tschirley with new connection

Thank you for your attendance!

There will now be a short break before  
the second meeting starts.