

**LEGEND**

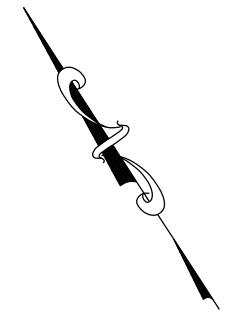
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)
- Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM:YYY  
PM:ZZZ
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

SEE SHEET 2

Freeway/Multilane Highway Level-of-Service (LOS) Criteria

LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

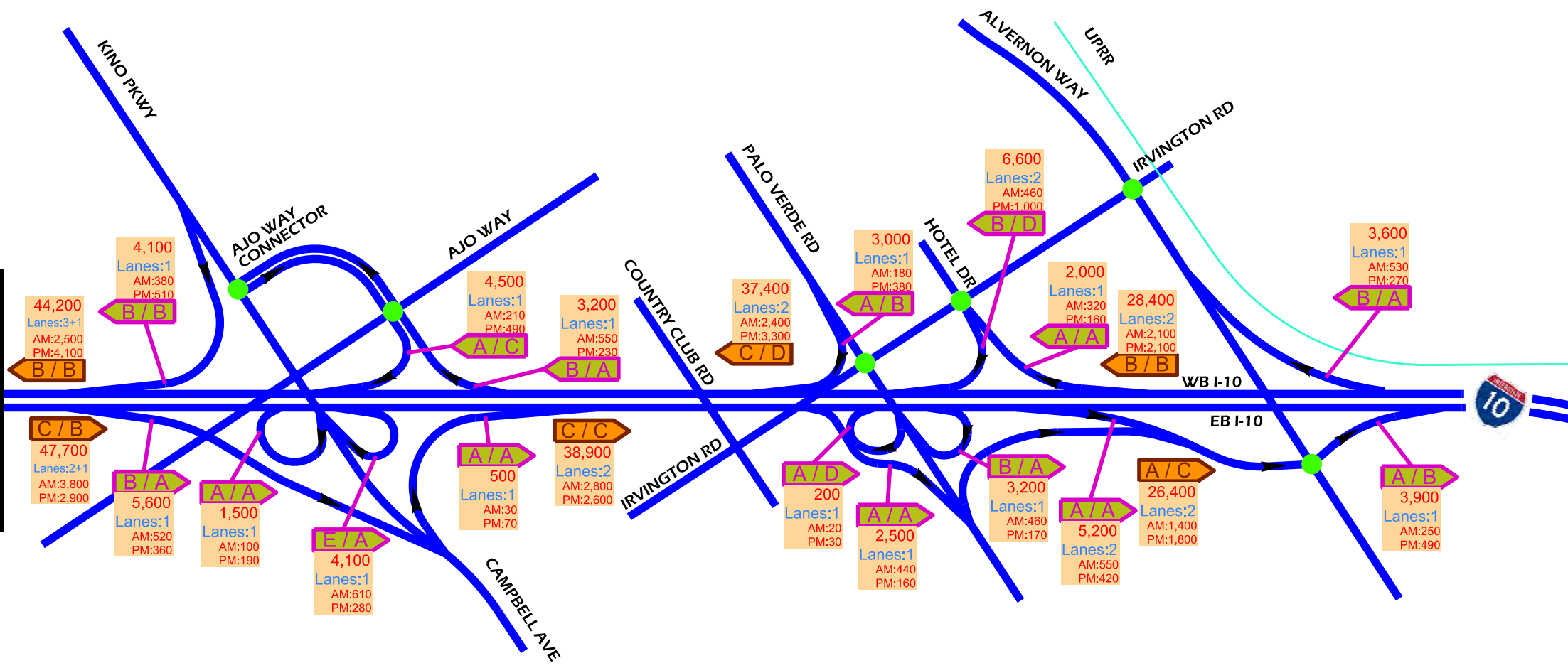


NTS

**YEAR 2010 EXISTING**  
**TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**

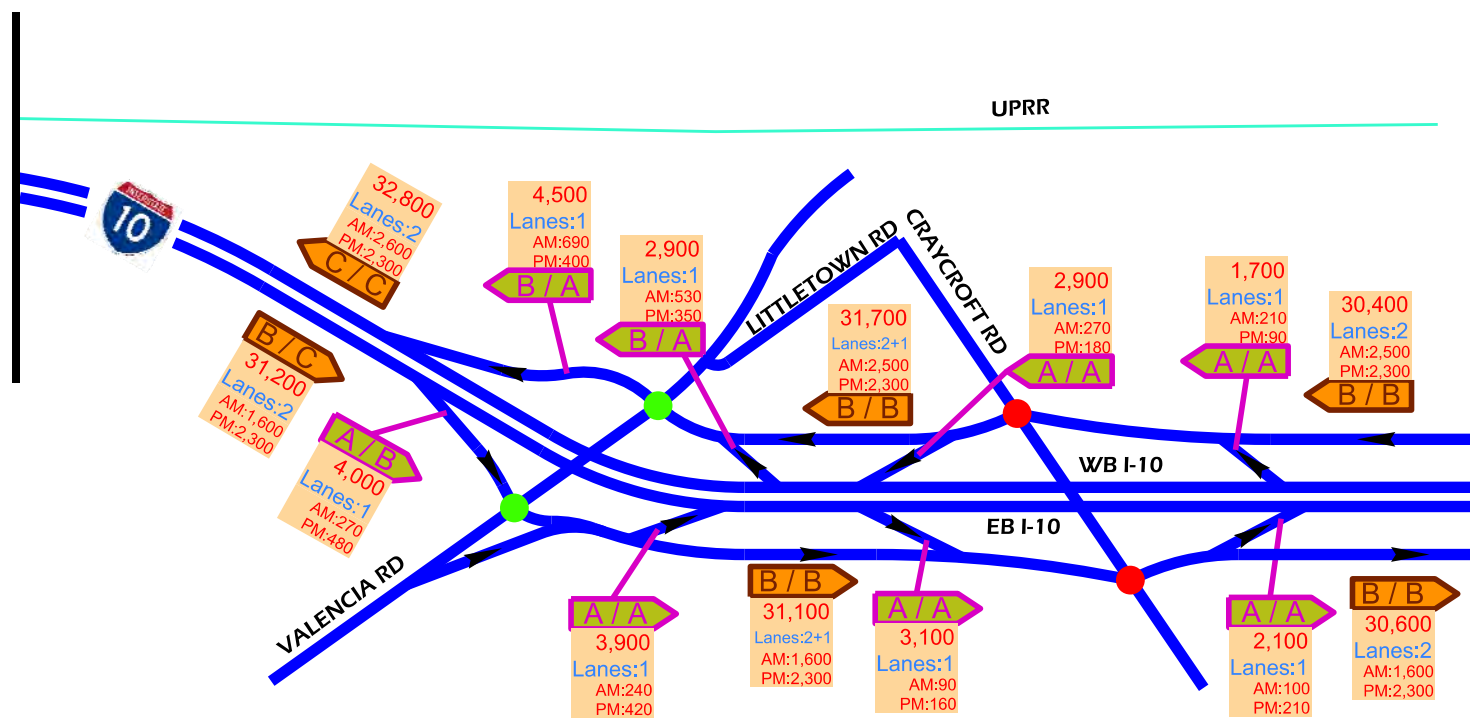
SEE SHEET 1

SEE BELOW LEFT

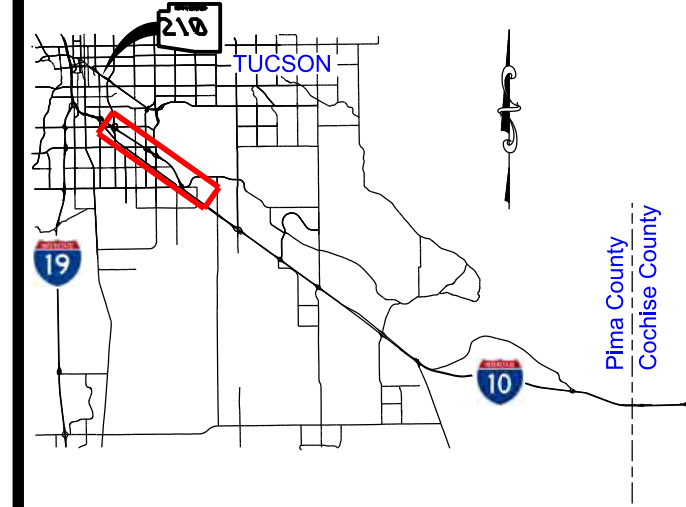


SEE ABOVE RIGHT

SEE SHEET 3



**KEYMAP**



**LEGEND**

- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
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- Directional Average Annual Daily Traffic (AADT)  
Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
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- Railroad Track
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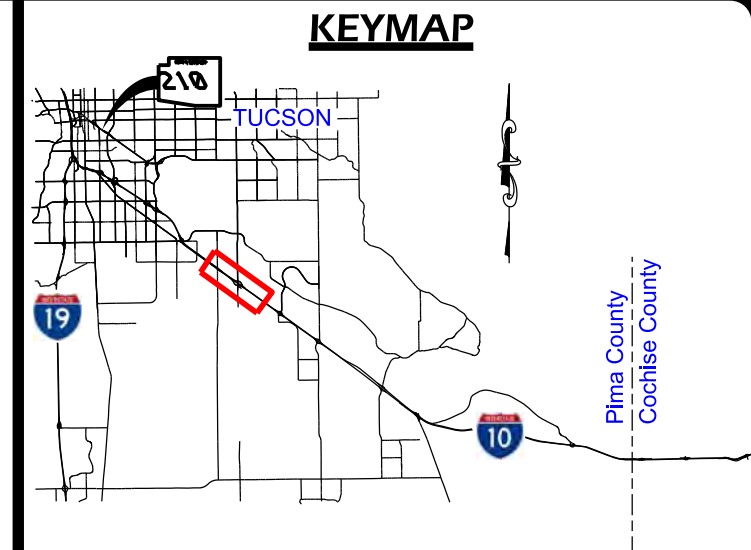
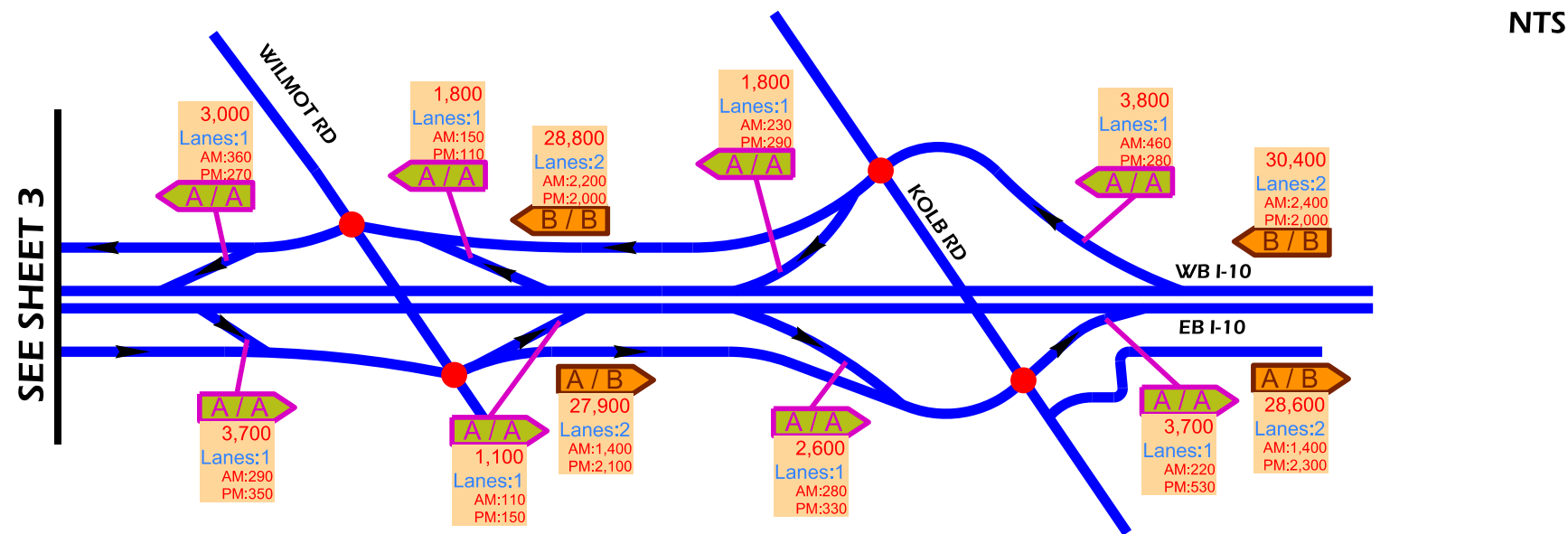
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LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

NTS

**YEAR 2010 EXISTING TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**



**LEGEND**

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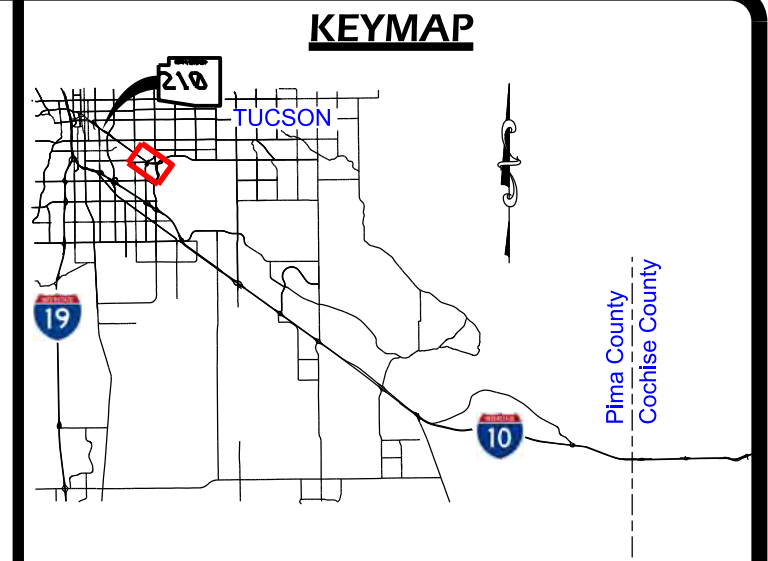
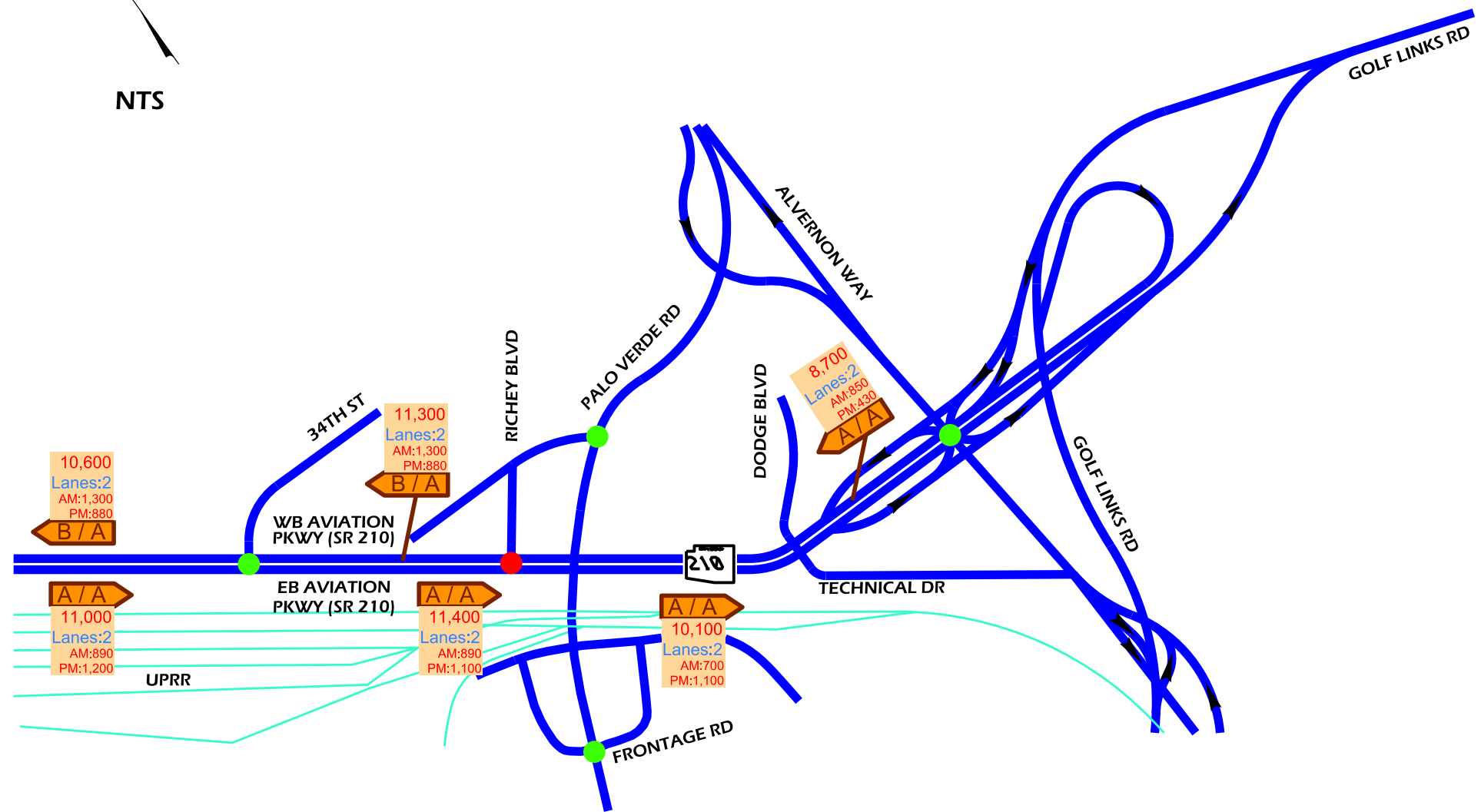
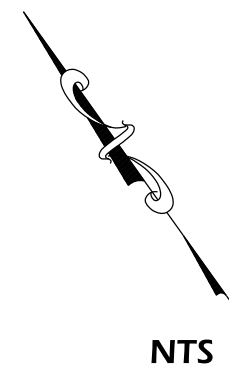
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A	0 - 11
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**YEAR 2010 EXISTING**

**TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**



**LEGEND**

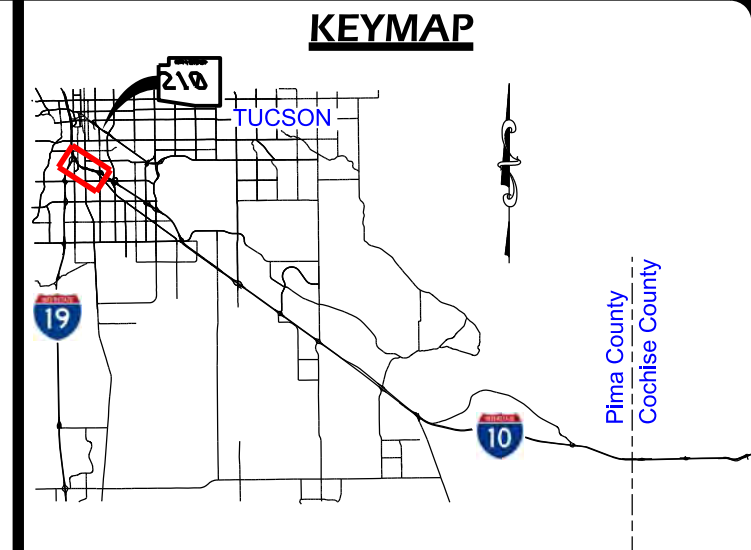
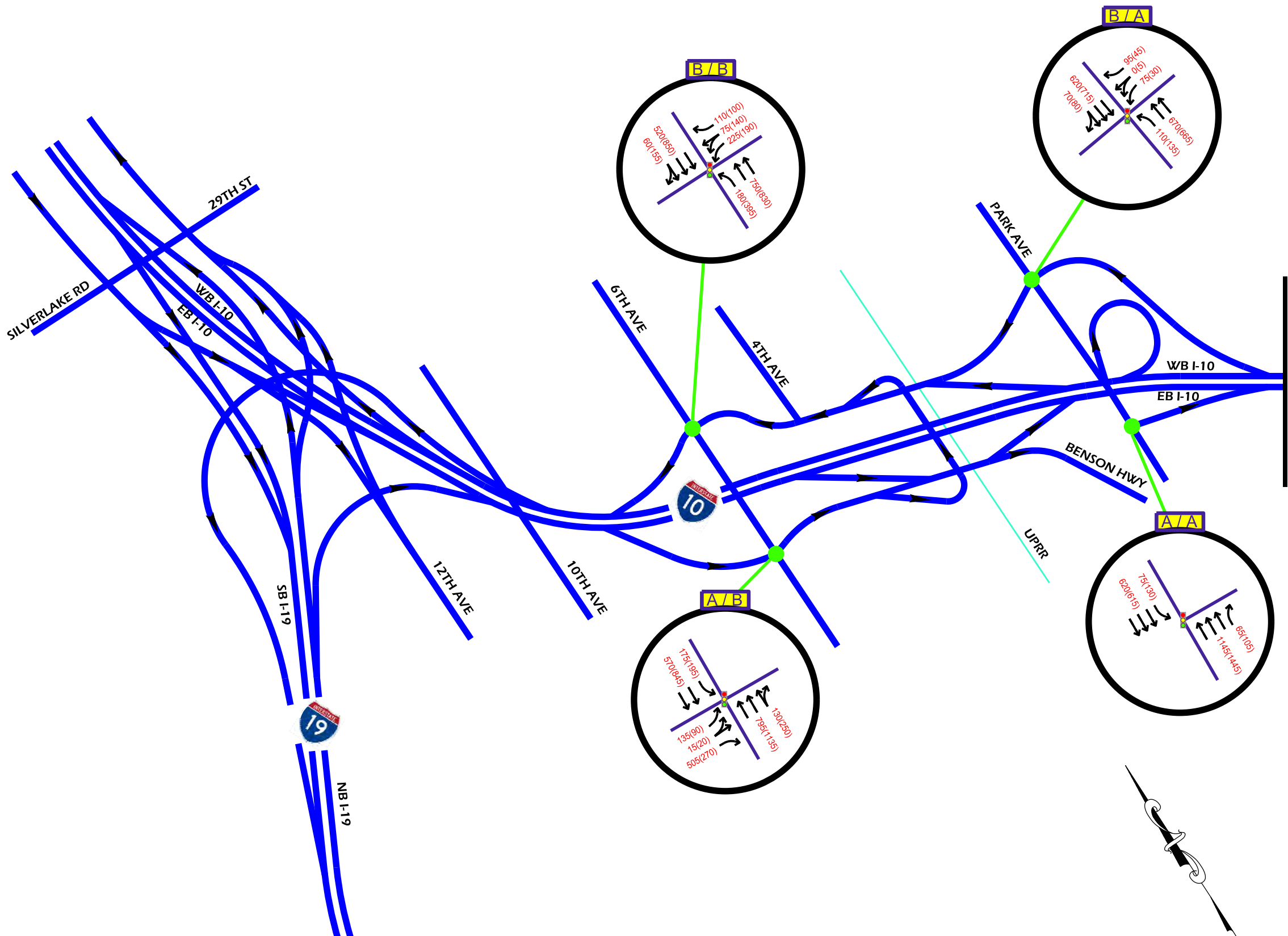
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\*Passenger cars per mile per lane

**YEAR 2010 EXISTING**  
**TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**



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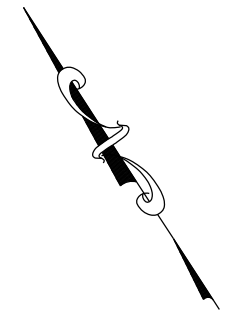
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NTS

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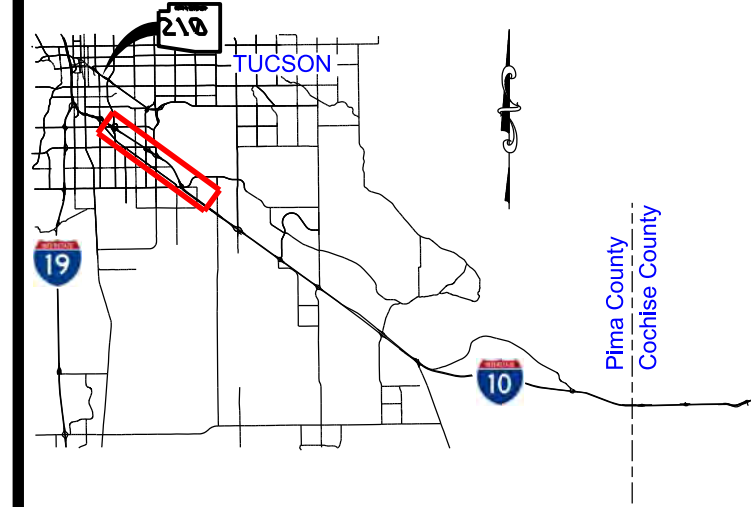
SEE SHEET 1

SEE BELOW LEFT

SEE ABOVE RIGHT

SEE SHEET 3

**KEYMAP**



**LEGEND**

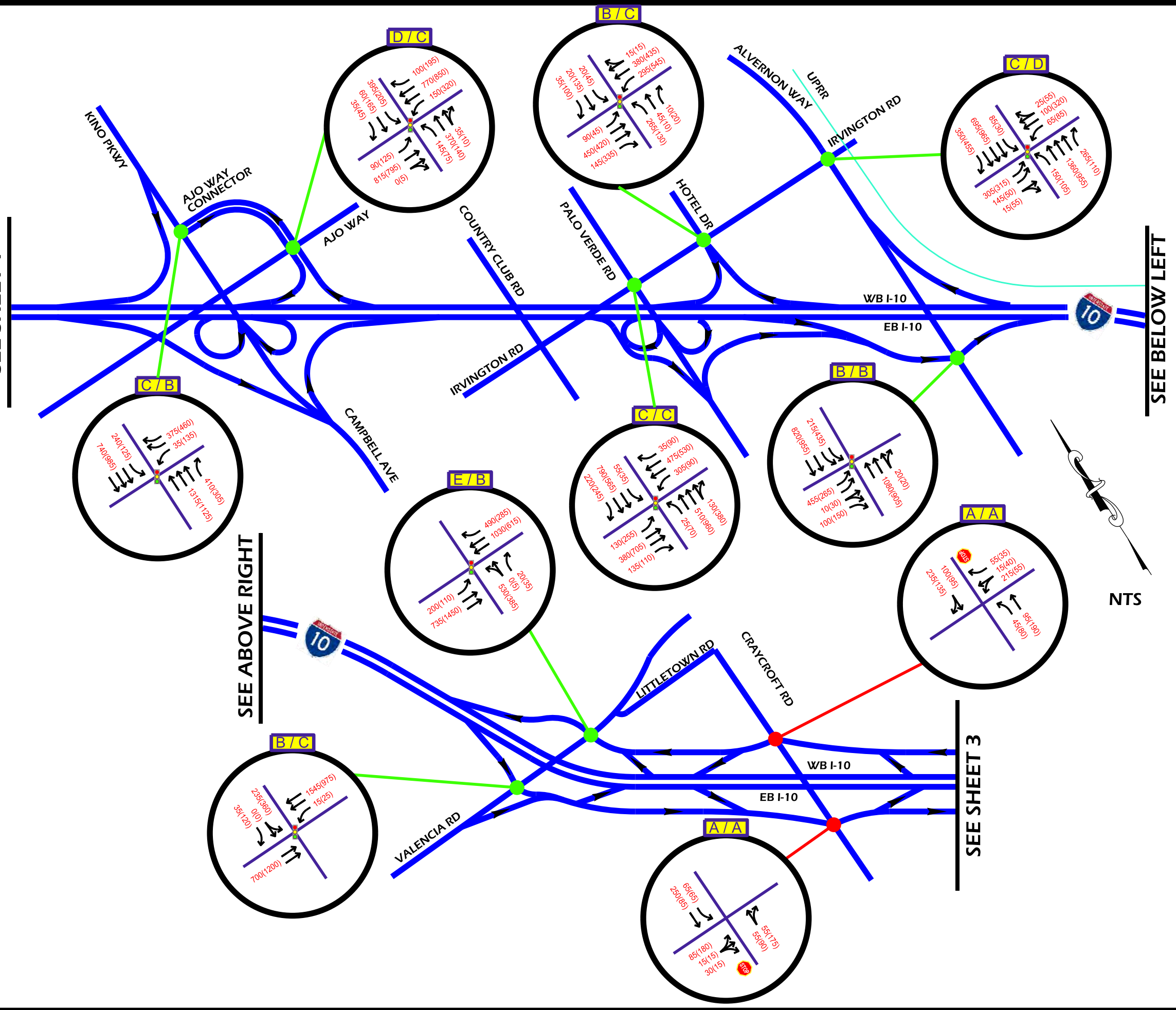
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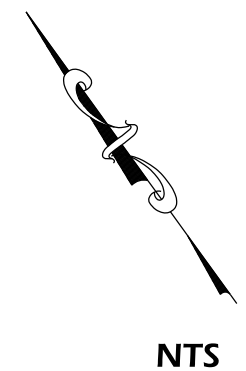
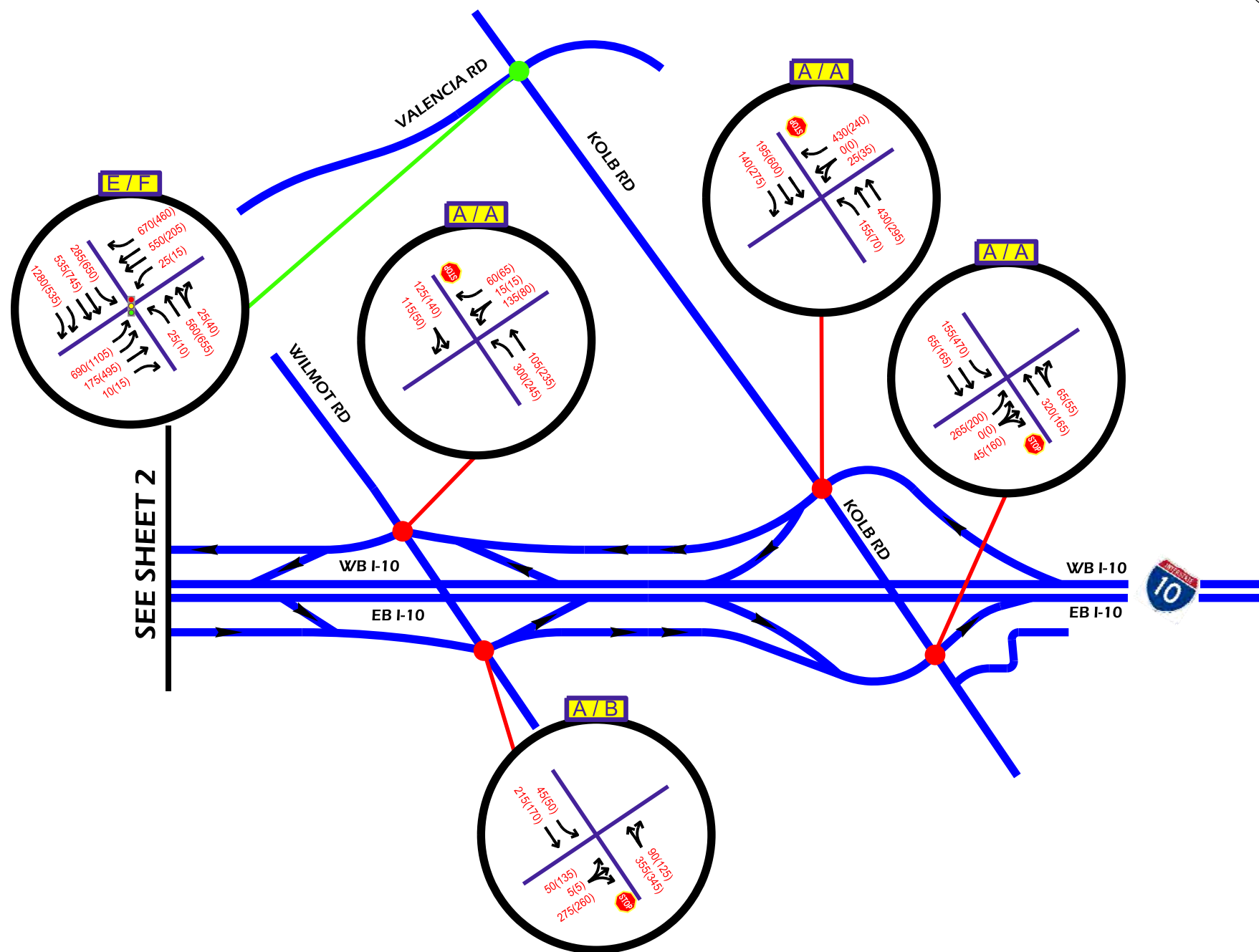
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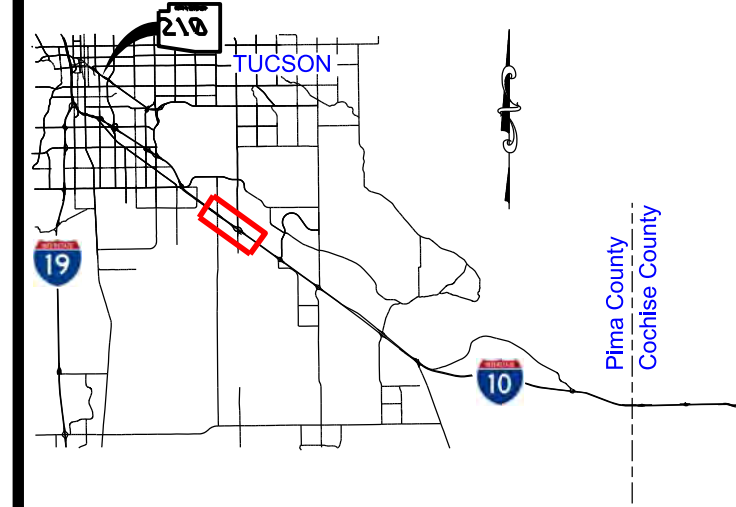
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**YEAR 2010 EXISTING**  
**TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**



**KEYMAP**



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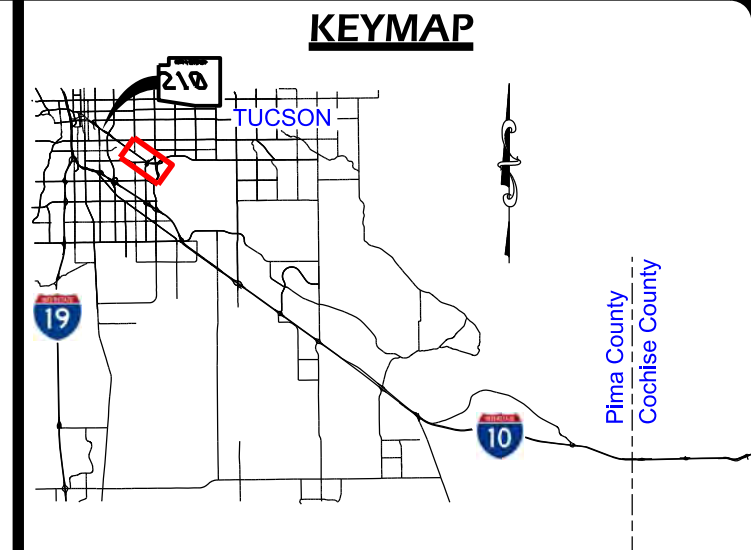
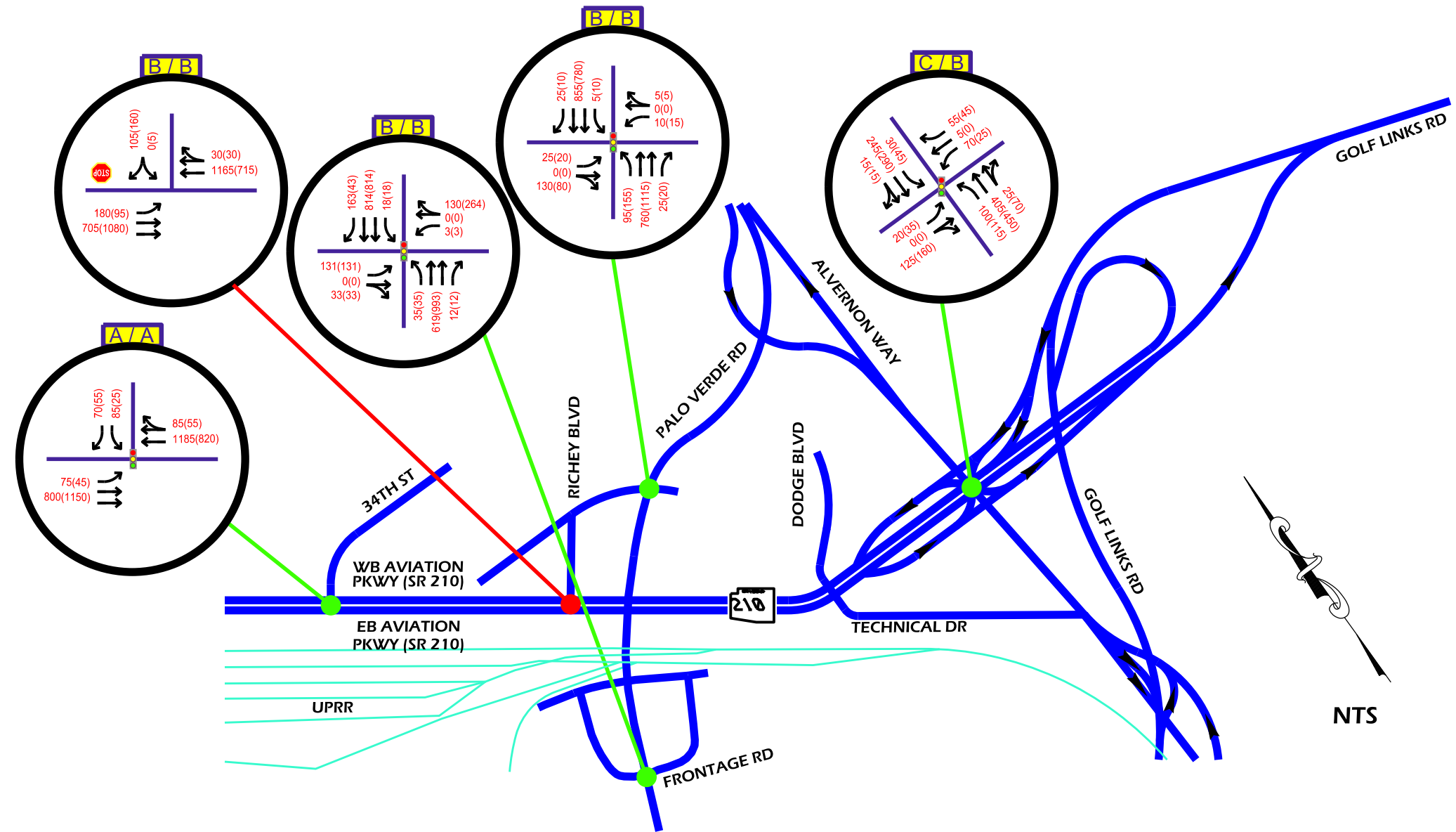
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**YEAR 2010 EXISTING**

**TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**



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#### Freeway/Multilane Highway Level-of-Service (LOS) Criteria

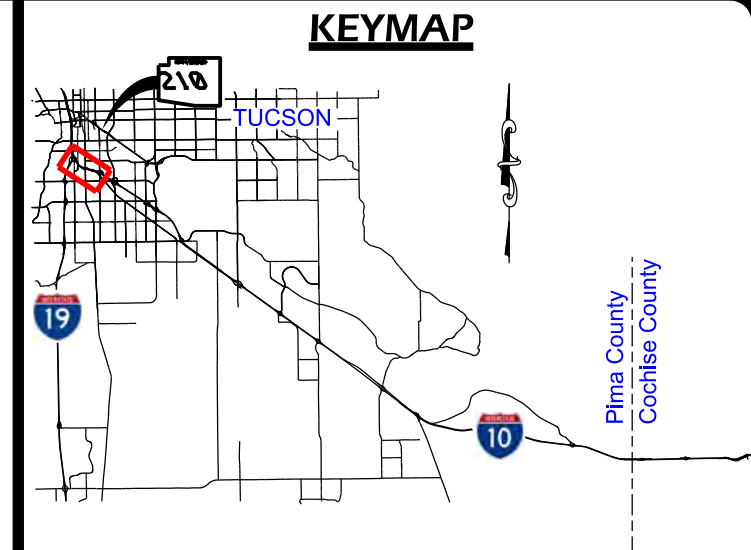
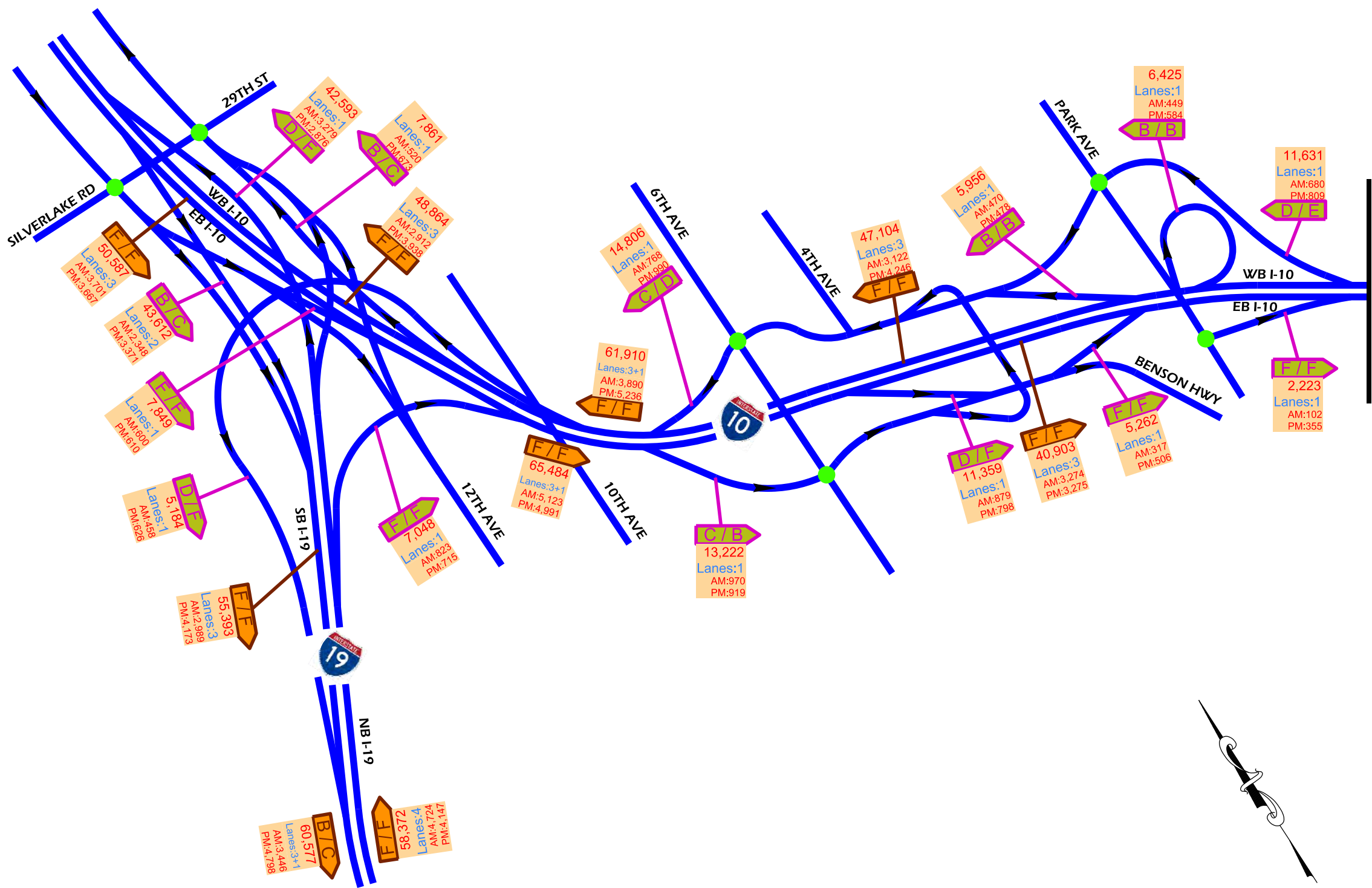
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## YEAR 2010 EXISTING

### TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)





**LEGEND**

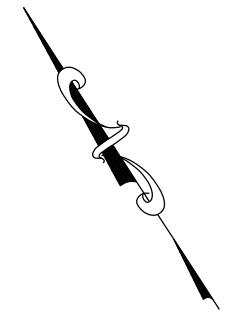
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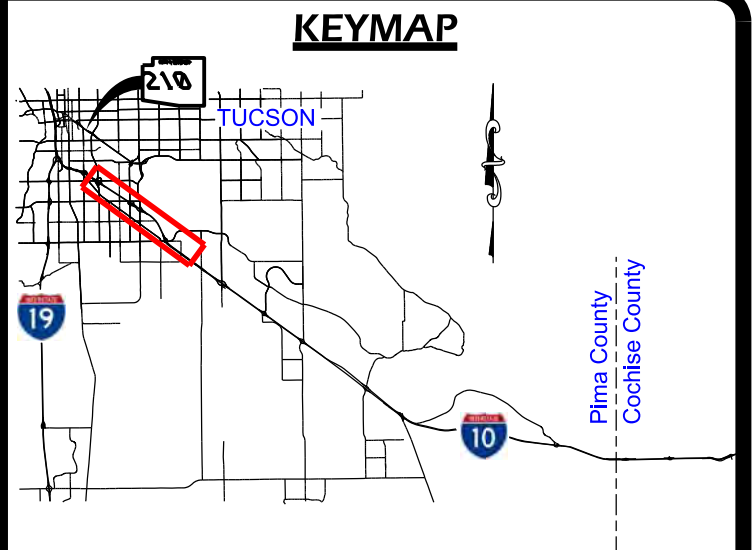
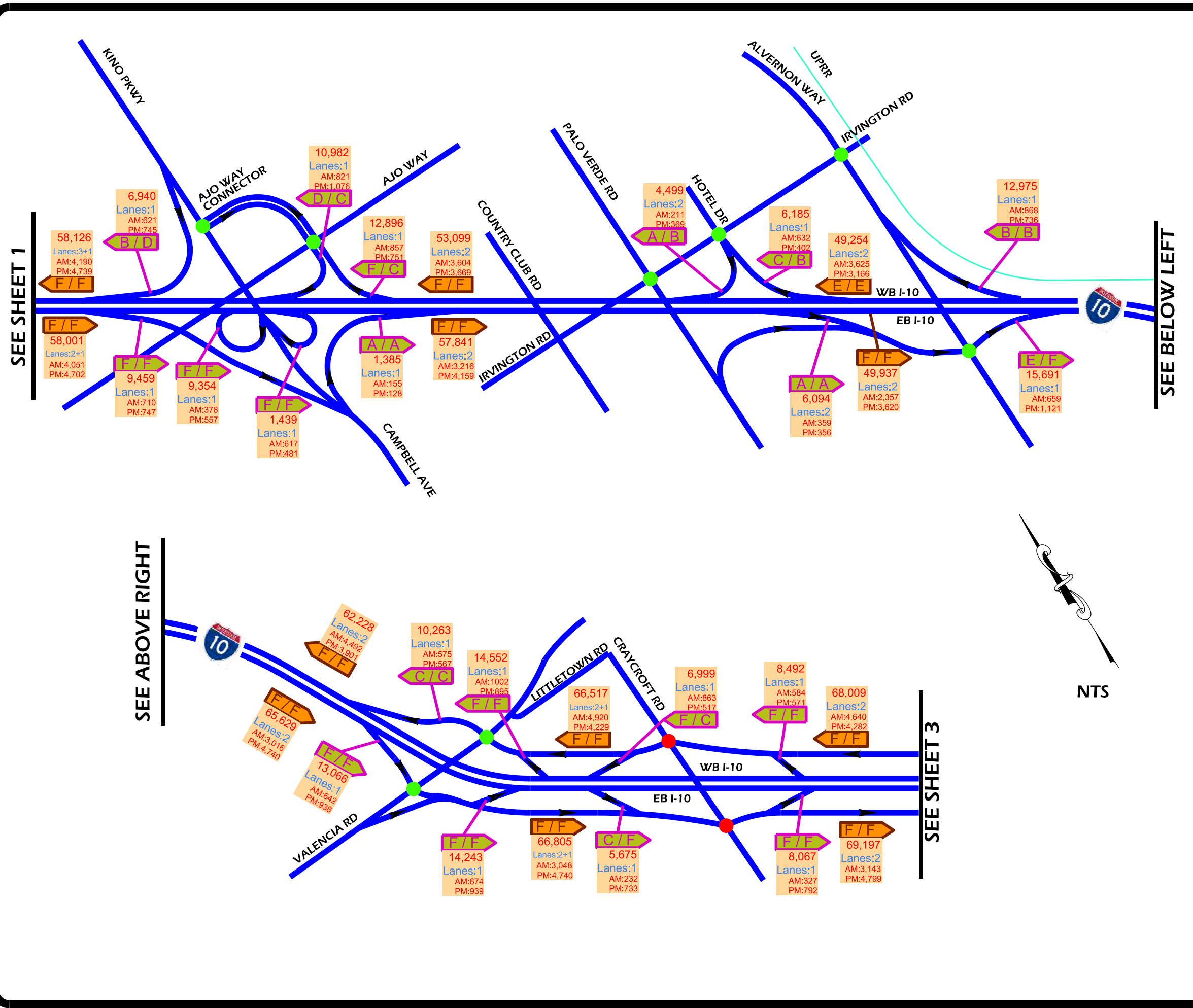
\*Passenger cars per mile per lane



NTS

**YEAR 2040  
NO BUILD**

**TRAFFIC VOLUMES, LANES, &  
LEVEL-OF-SERVICE (LOS)**



### LEGEND

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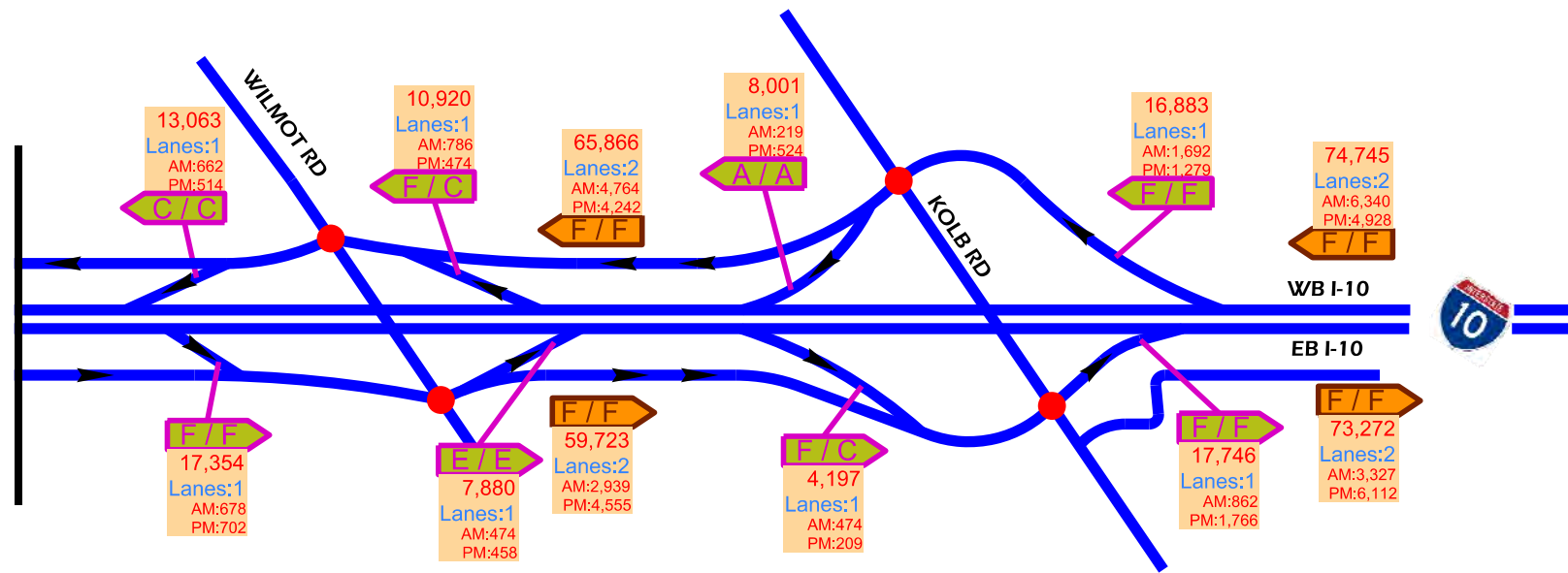
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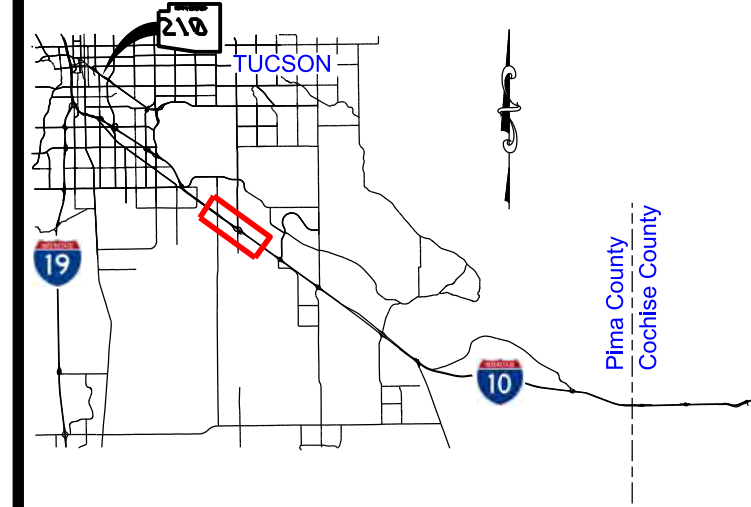
## YEAR 2040 NO BUILD TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)

SEE SHEET 2



NTS

**KEYMAP**



**LEGEND**

- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
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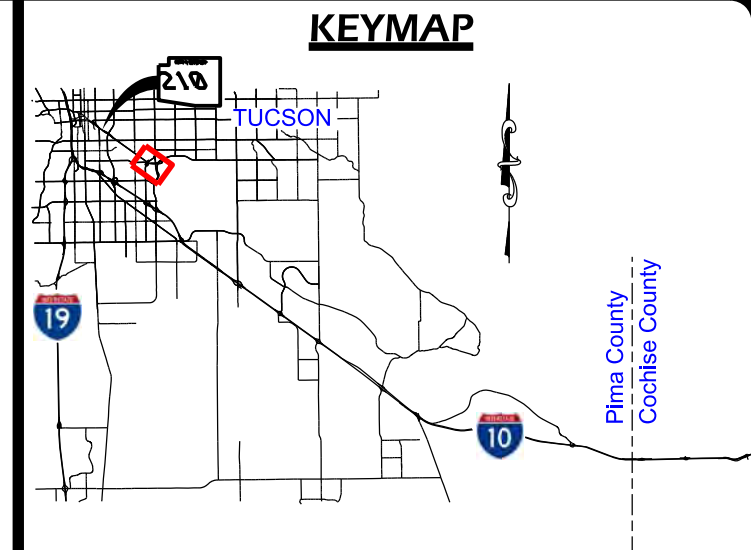
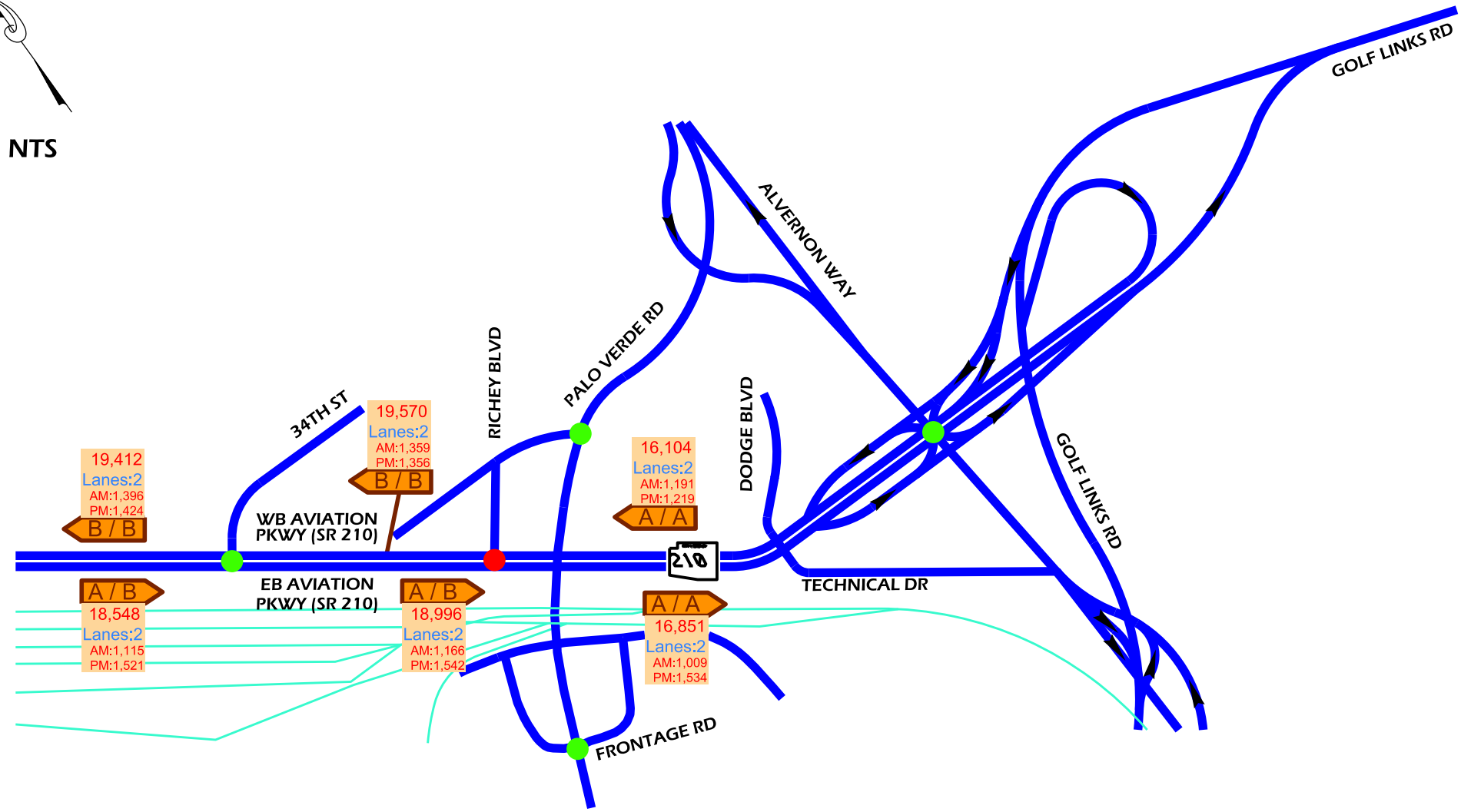
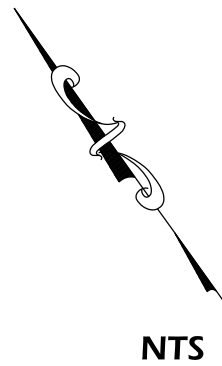
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\*Passenger cars per mile per lane

**YEAR 2040  
NO BUILD**

**TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)**



**LEGEND**

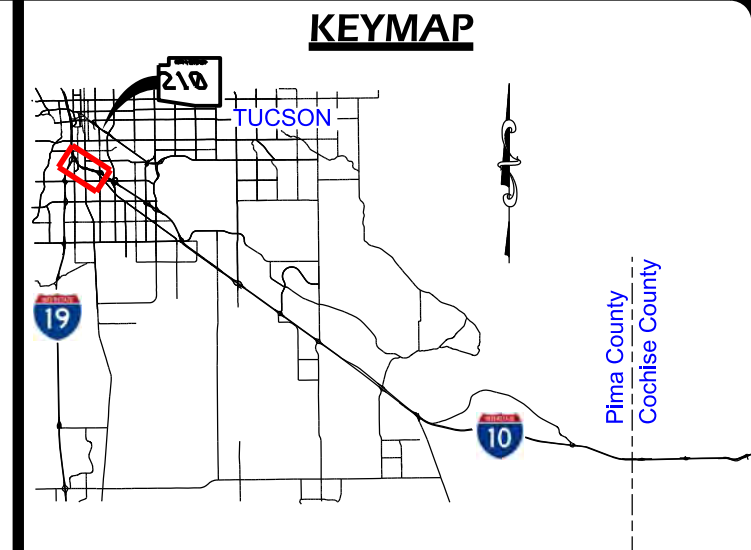
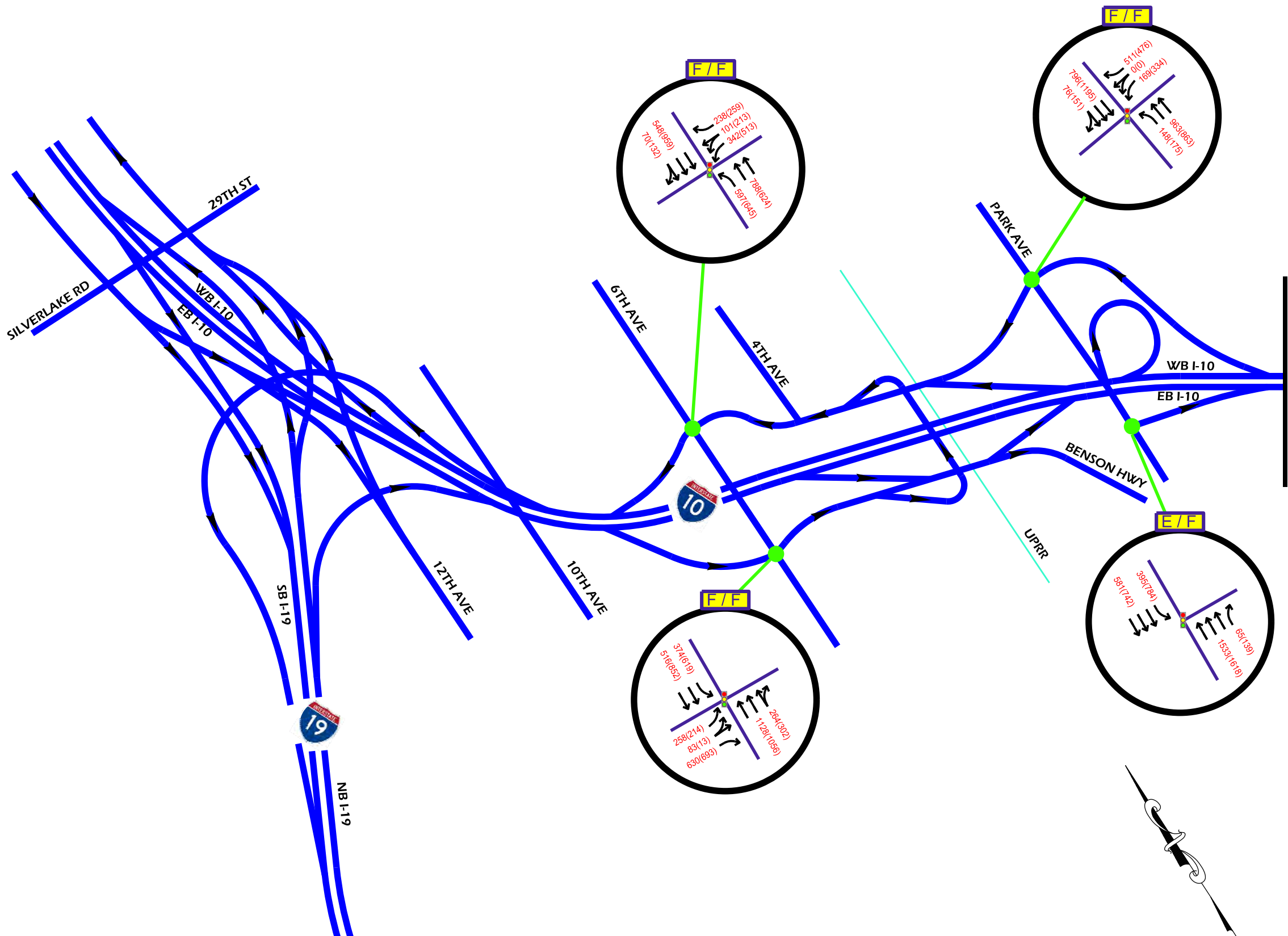
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\*Passenger cars per mile per lane

**YEAR 2040  
NO BUILD  
TRAFFIC VOLUMES, LANES, &  
LEVEL-OF-SERVICE (LOS)**



**LEGEND**

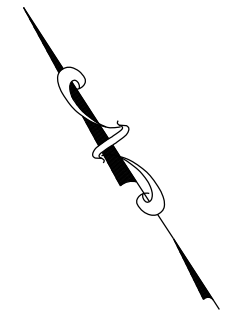
- X/X Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ) Peak Hour Turning Movement Volume AM(PM)
- Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

SEE SHEET 2

**Signalized Intersection Level-of-Service (LOS) Criteria**

LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

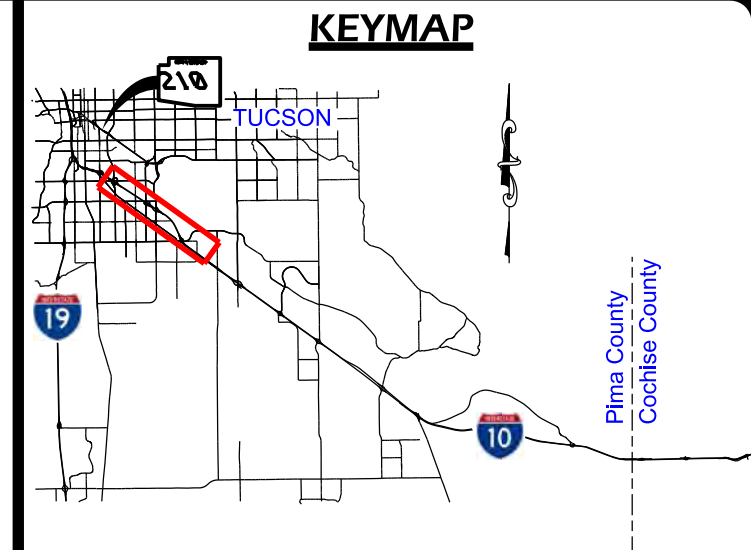
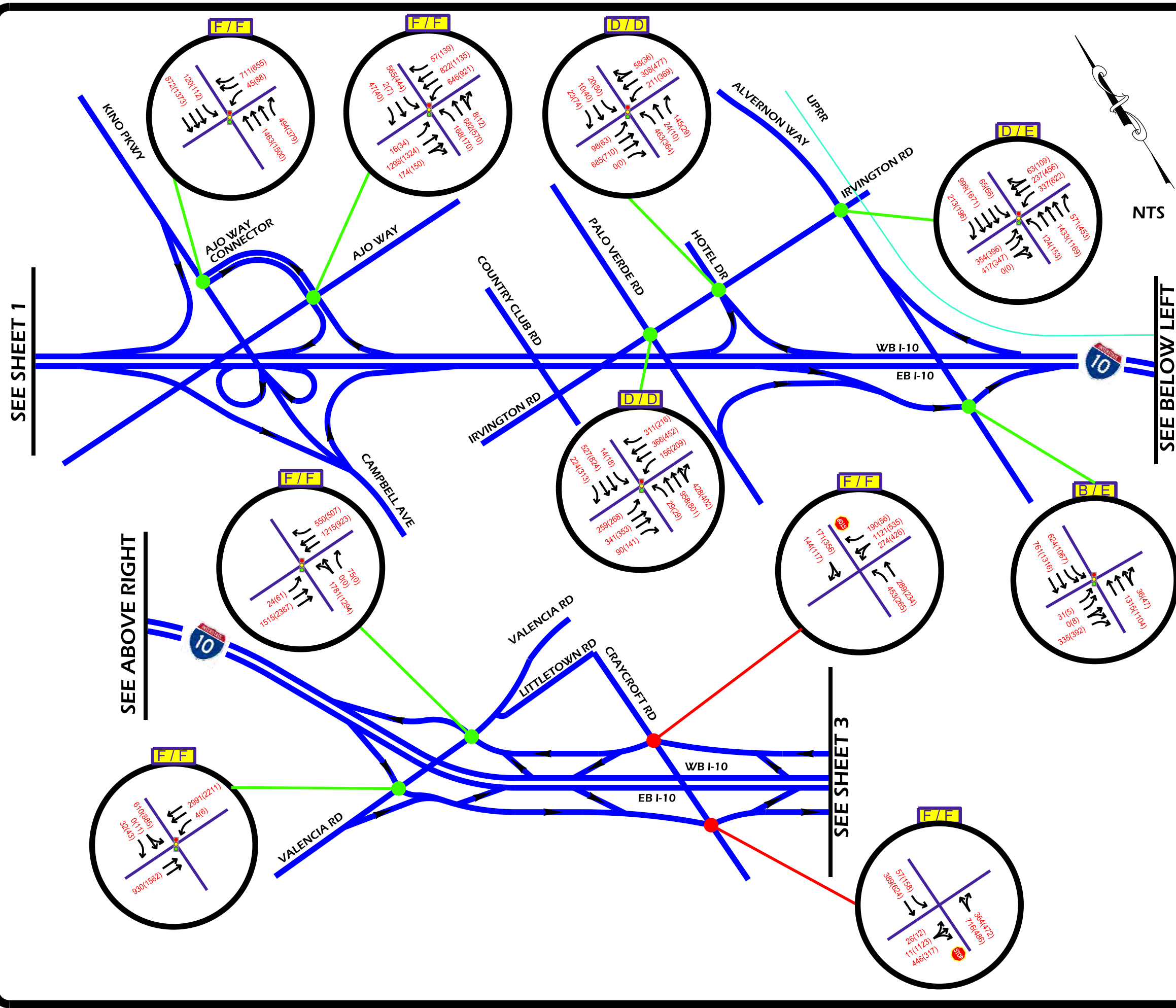
\*\*Seconds per vehicle



NTS

**YEAR 2040  
NO BUILD**

**PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**



### LEGEND

- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ)** Peak Hour Turning Movement Volume AM(PM)
- Lane Configuration
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- Railroad Track
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- Un-signalized Intersection

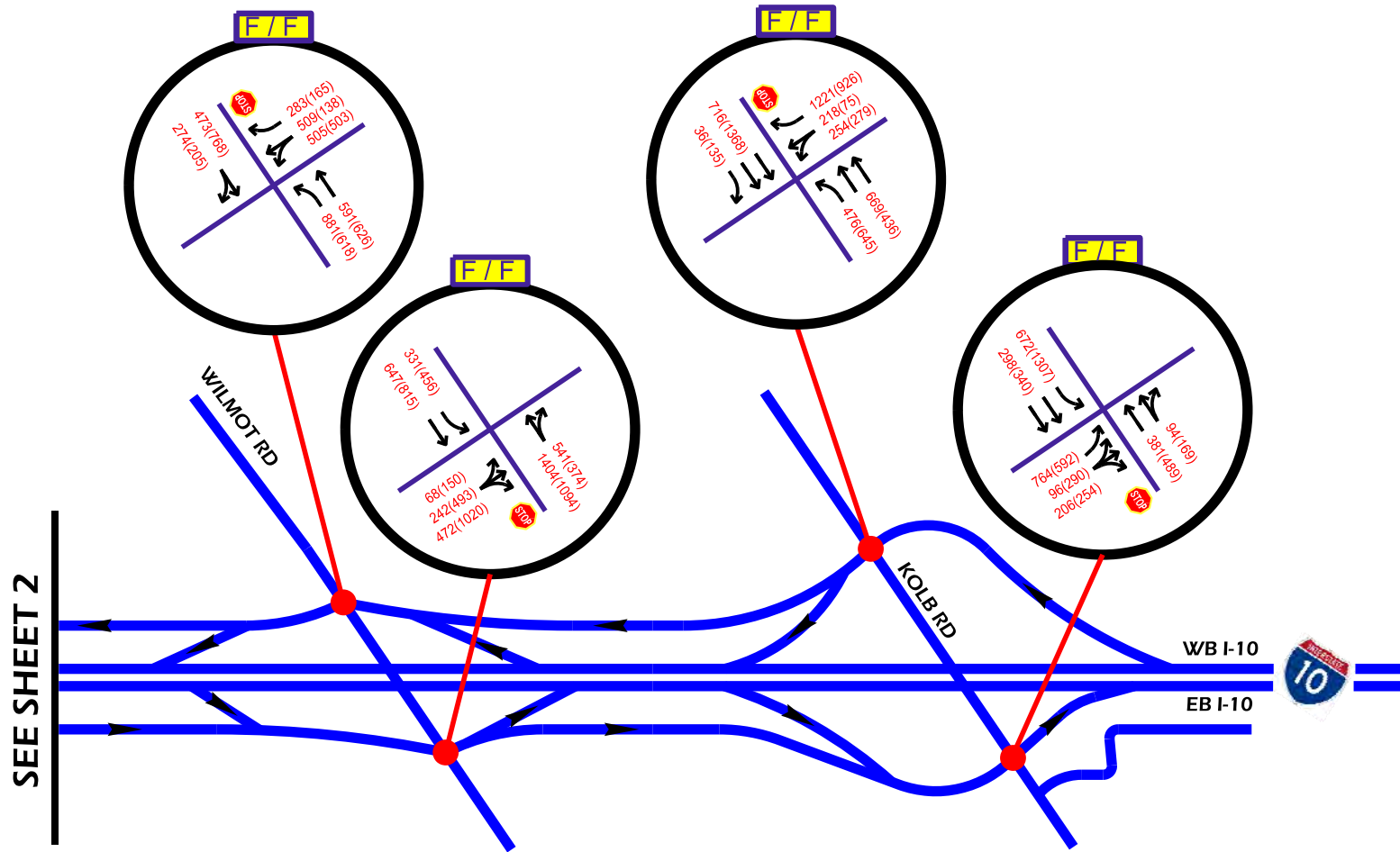
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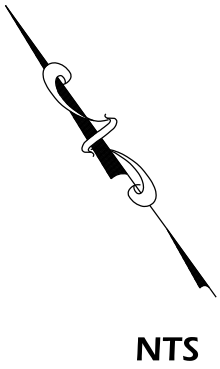
\*\*Seconds per vehicle

**YEAR 2040  
NO BUILD**

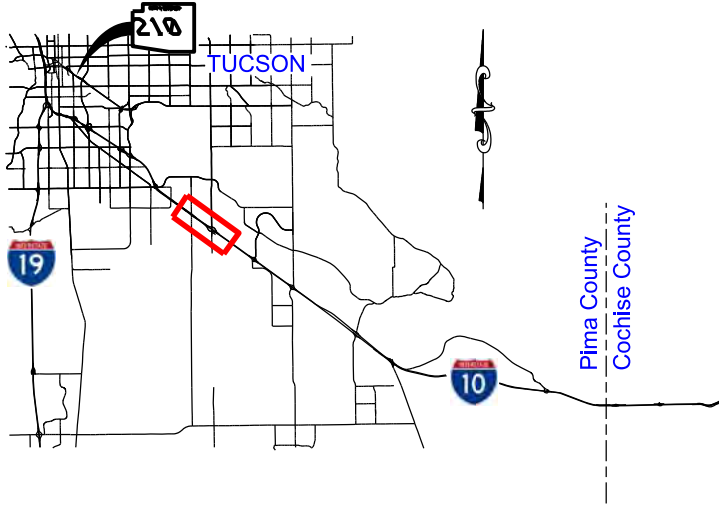
**PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**



SEE SHEET 2



**KEYMAP**



**LEGEND**

- X/X Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ) Peak Hour Turning Movement Volume AM(PM)
- ↔↔↔ Lane Configuration
- Roadway
- Railroad Track
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- Un-signalized Intersection

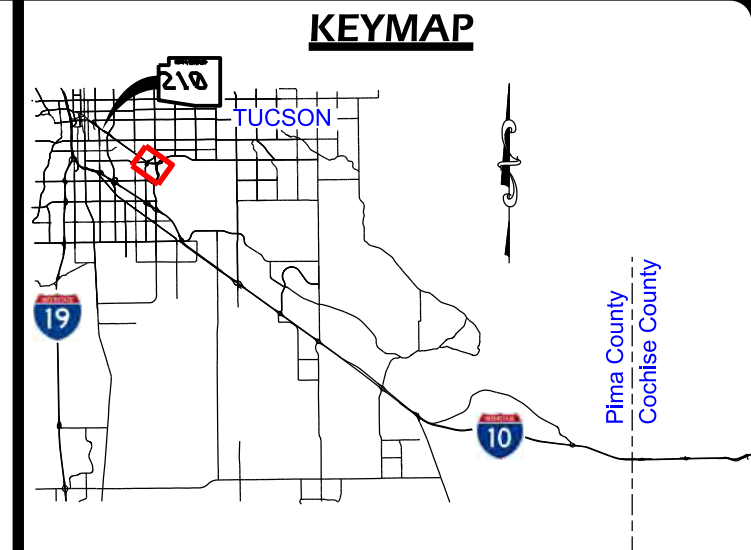
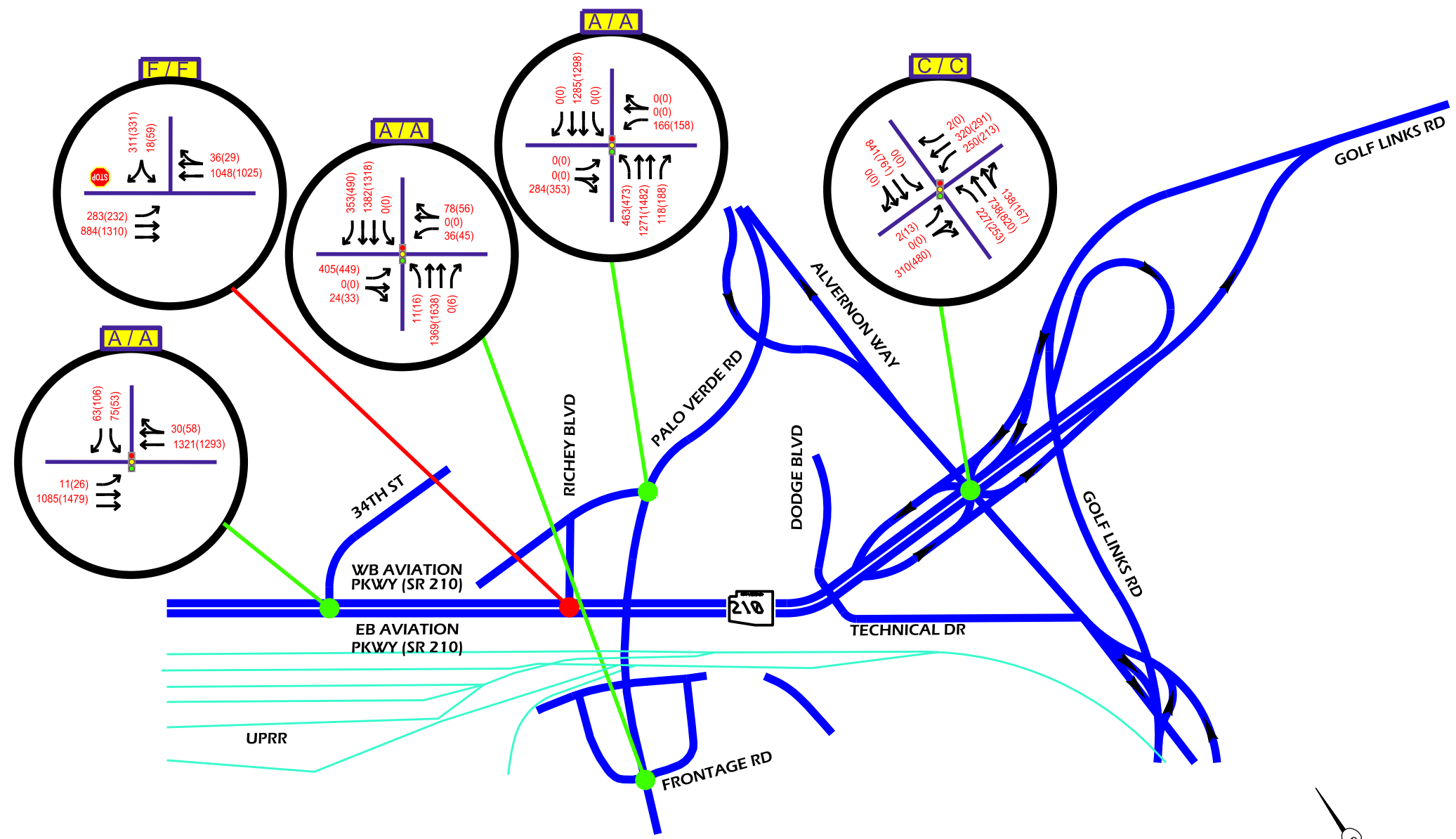
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\*\*Seconds per vehicle

**YEAR 2040  
NO BUILD**

**PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**

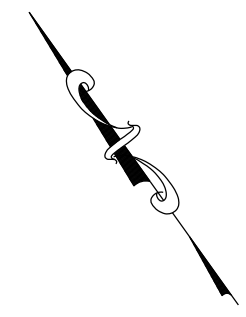


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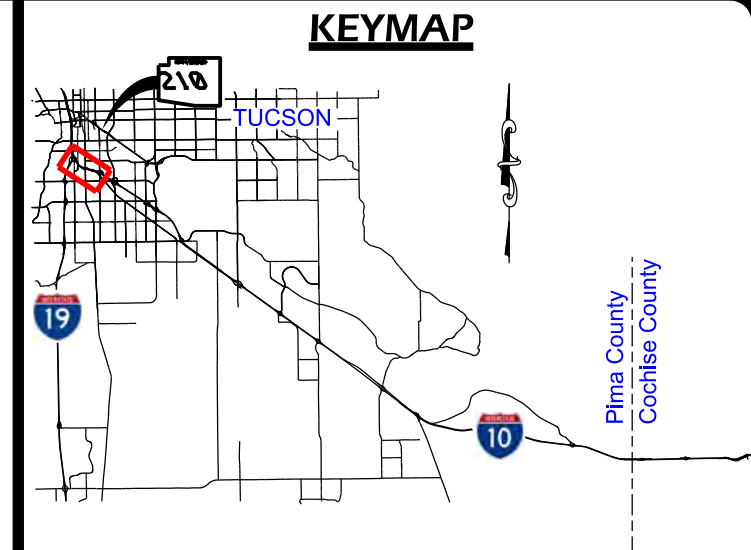
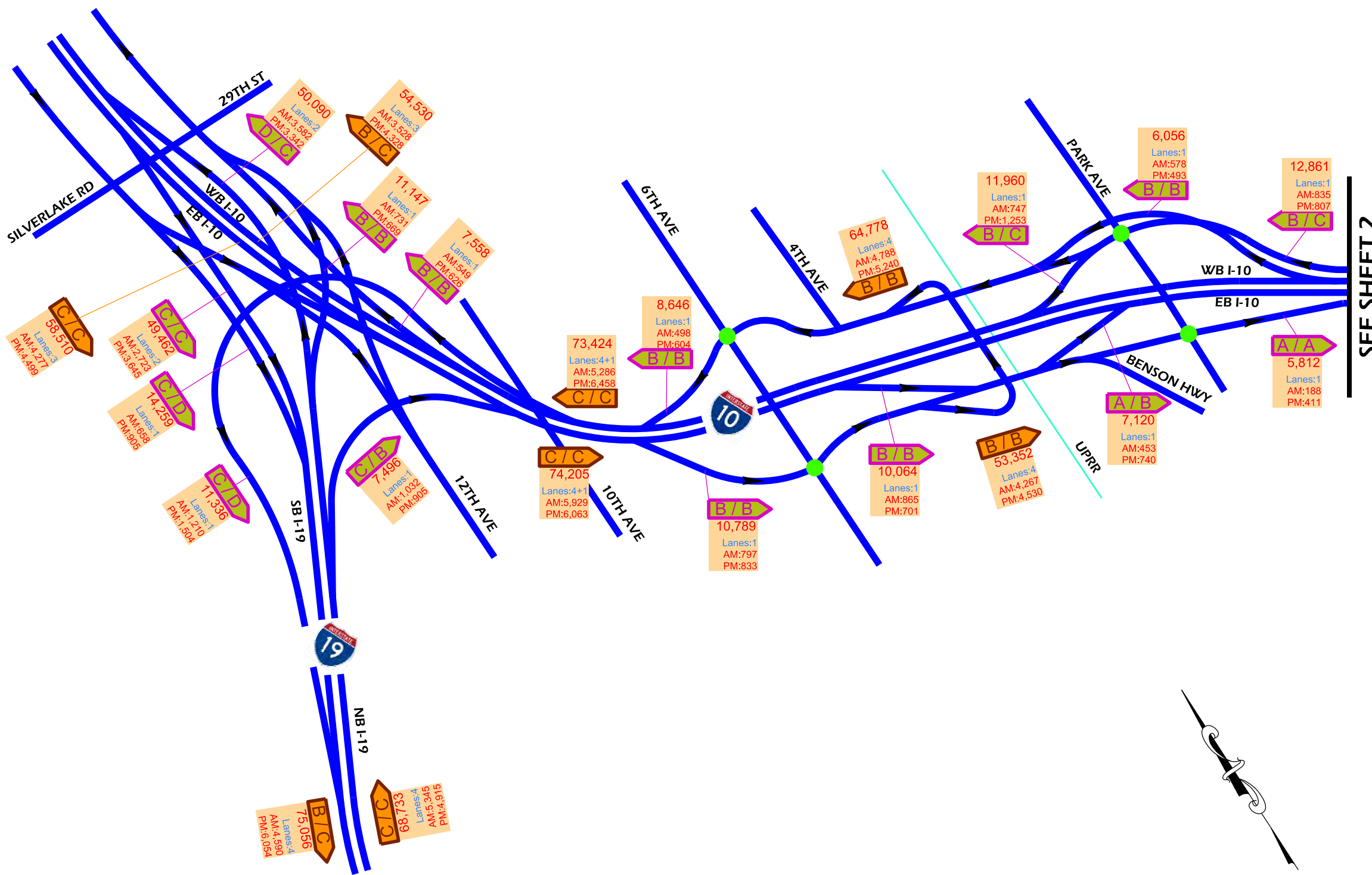


NTS

**YEAR 2040  
NO BUILD**

**PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**





- ### LEGEND
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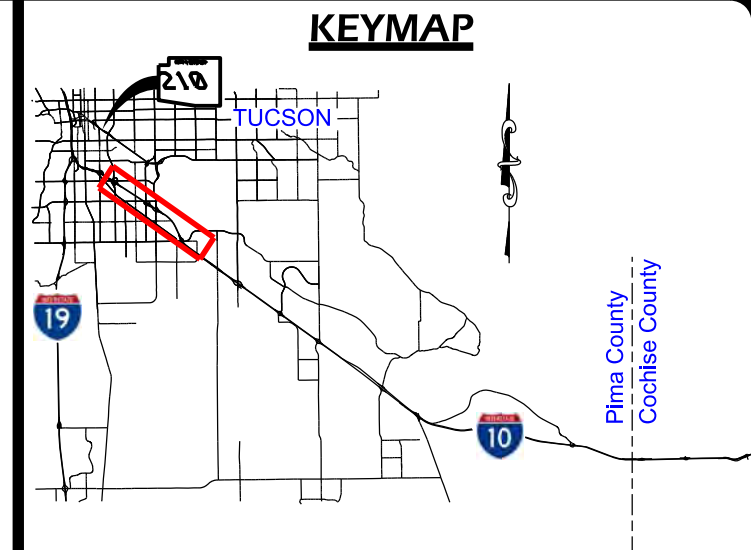
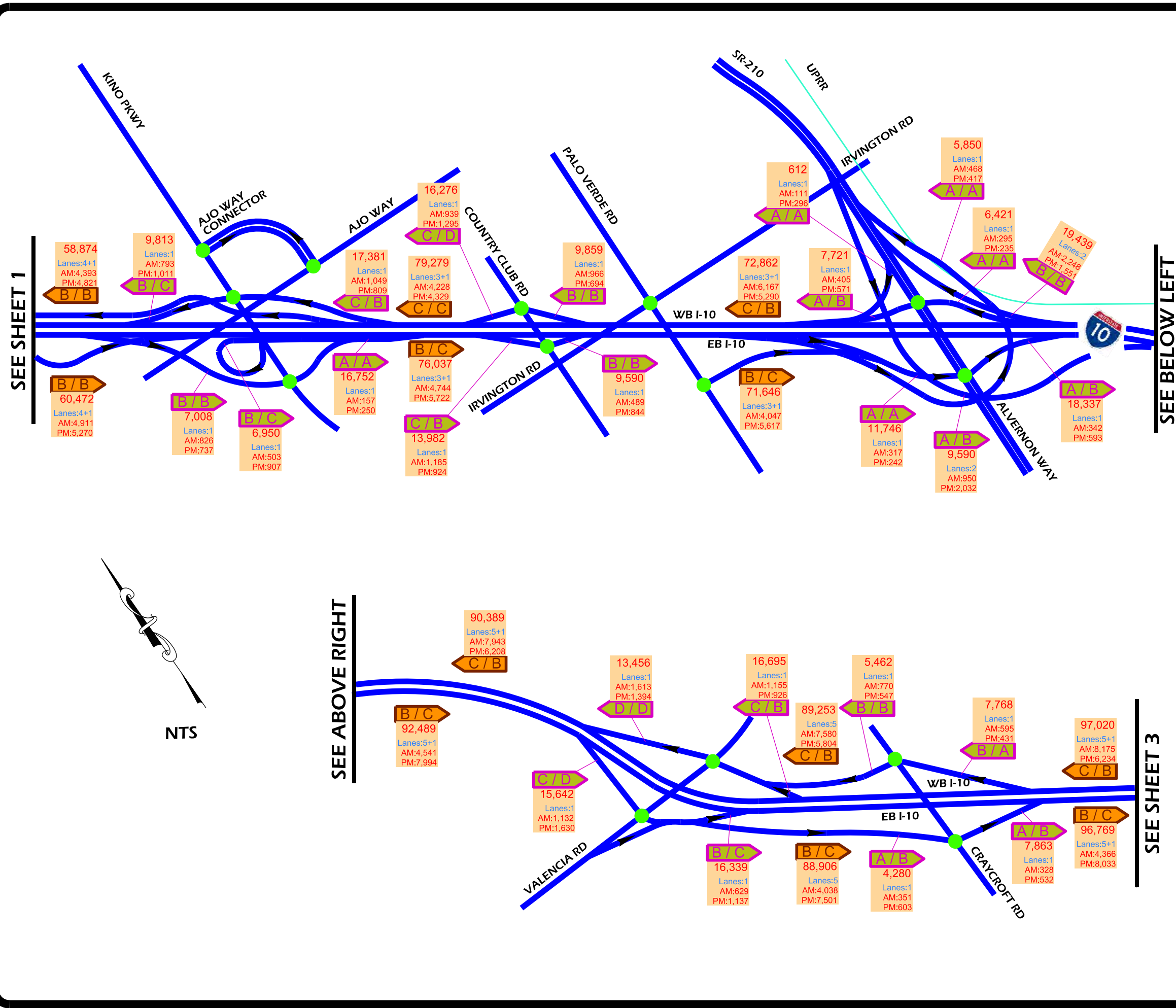
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**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE I  
TRAFFIC VOLUMES, LANES, &  
LEVEL-OF-SERVICE (LOS)**

NTS

SEE SHEET 2



### LEGEND

- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)
- Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM Peak Hour Volume  
PM Peak Hour Volume
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

#### Freeway/Multilane Highway Level-of-Service (LOS) Criteria

LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

## YEAR 2040 BUILD - SYSTEM ALTERNATIVE I TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)

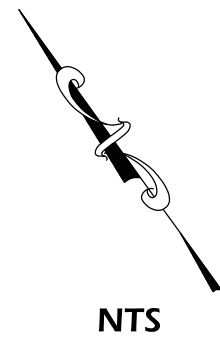
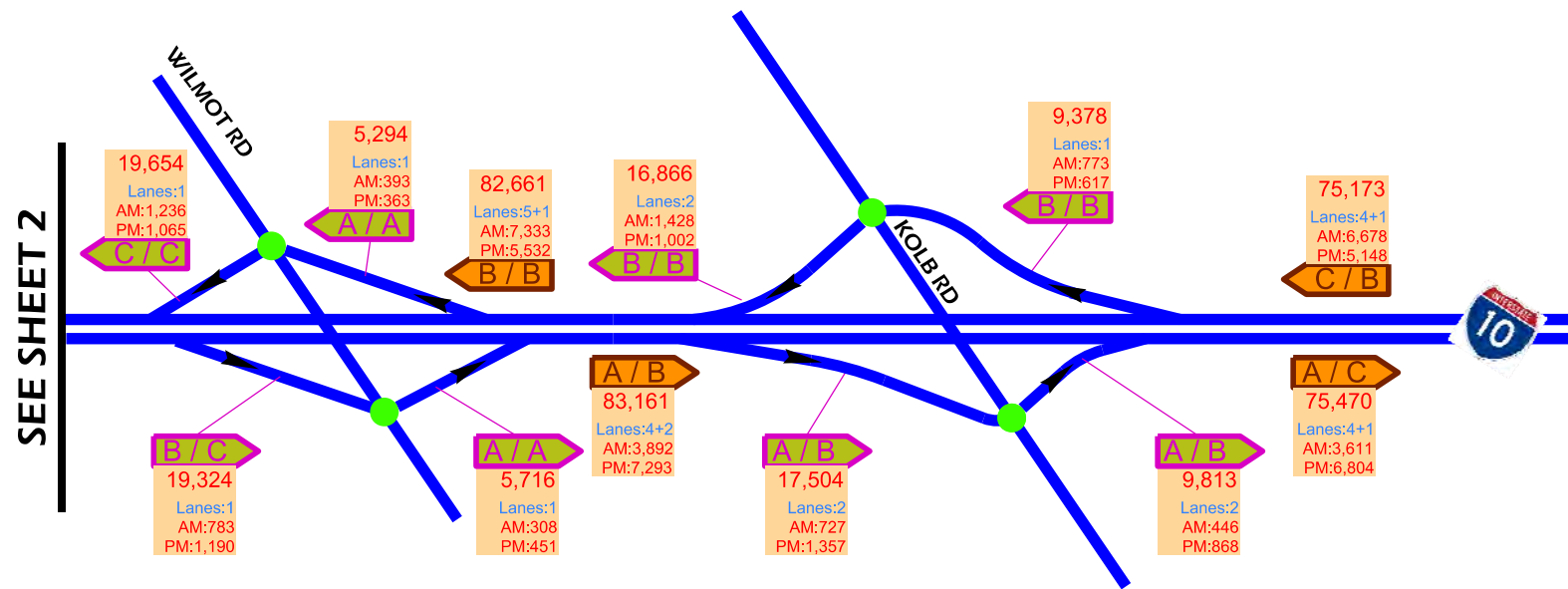
SEE SHEET 1

SEE BELOW LEFT

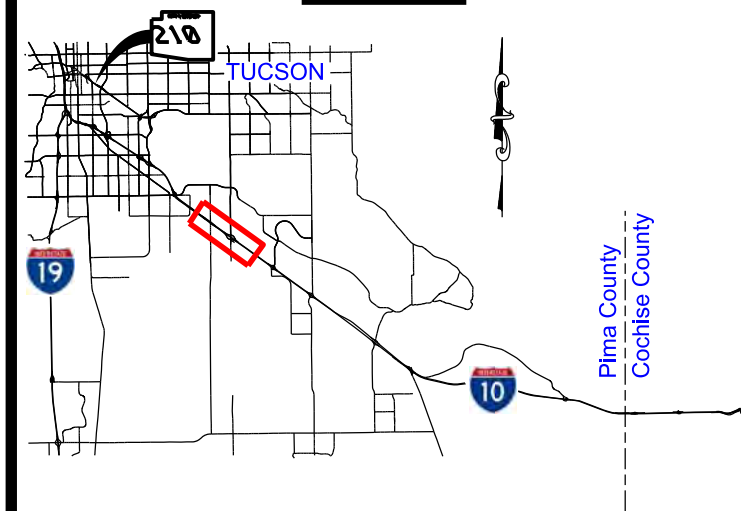
SEE ABOVE RIGHT

SEE SHEET 3

NTS



### KEYMAP



### LEGEND

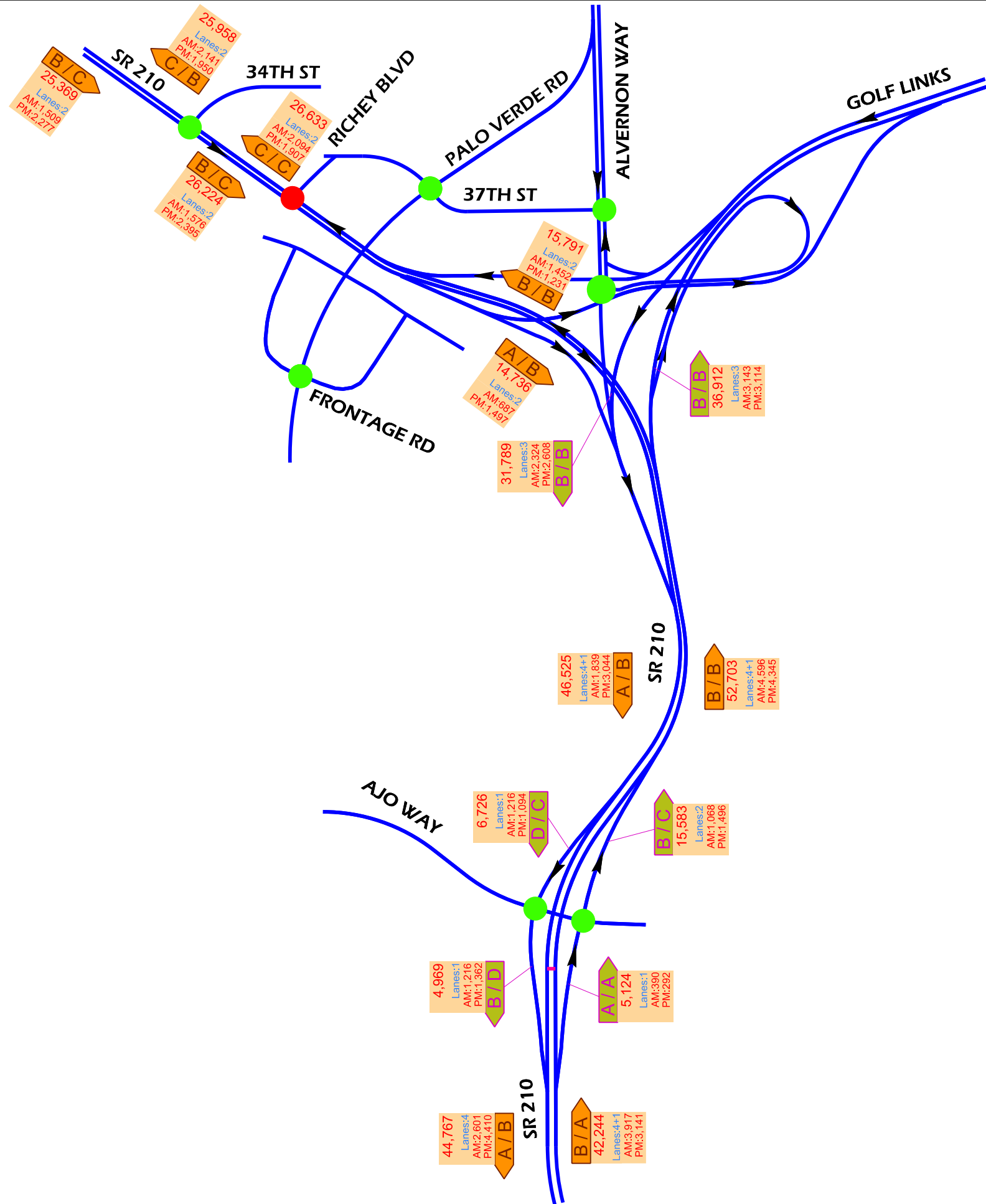
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)  
Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM Peak Hour Volume  
PM Peak Hour Volume
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

#### Freeway/Multilane Highway Level-of-Service (LOS) Criteria

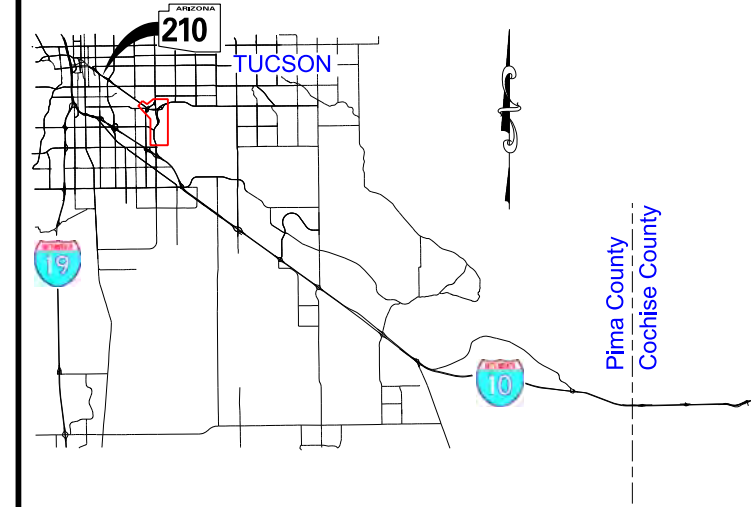
LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

## YEAR 2040 BUILD - SYSTEM ALTERNATIVE I TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)



**KEYMAP**



**LEGEND**

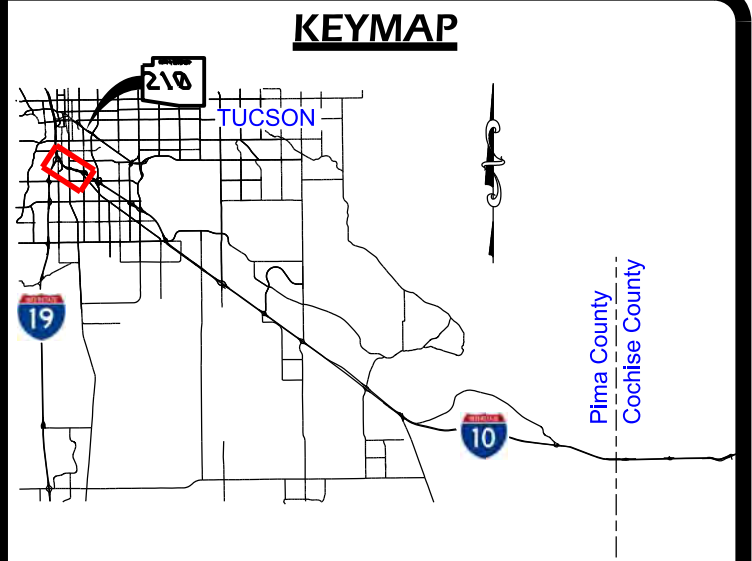
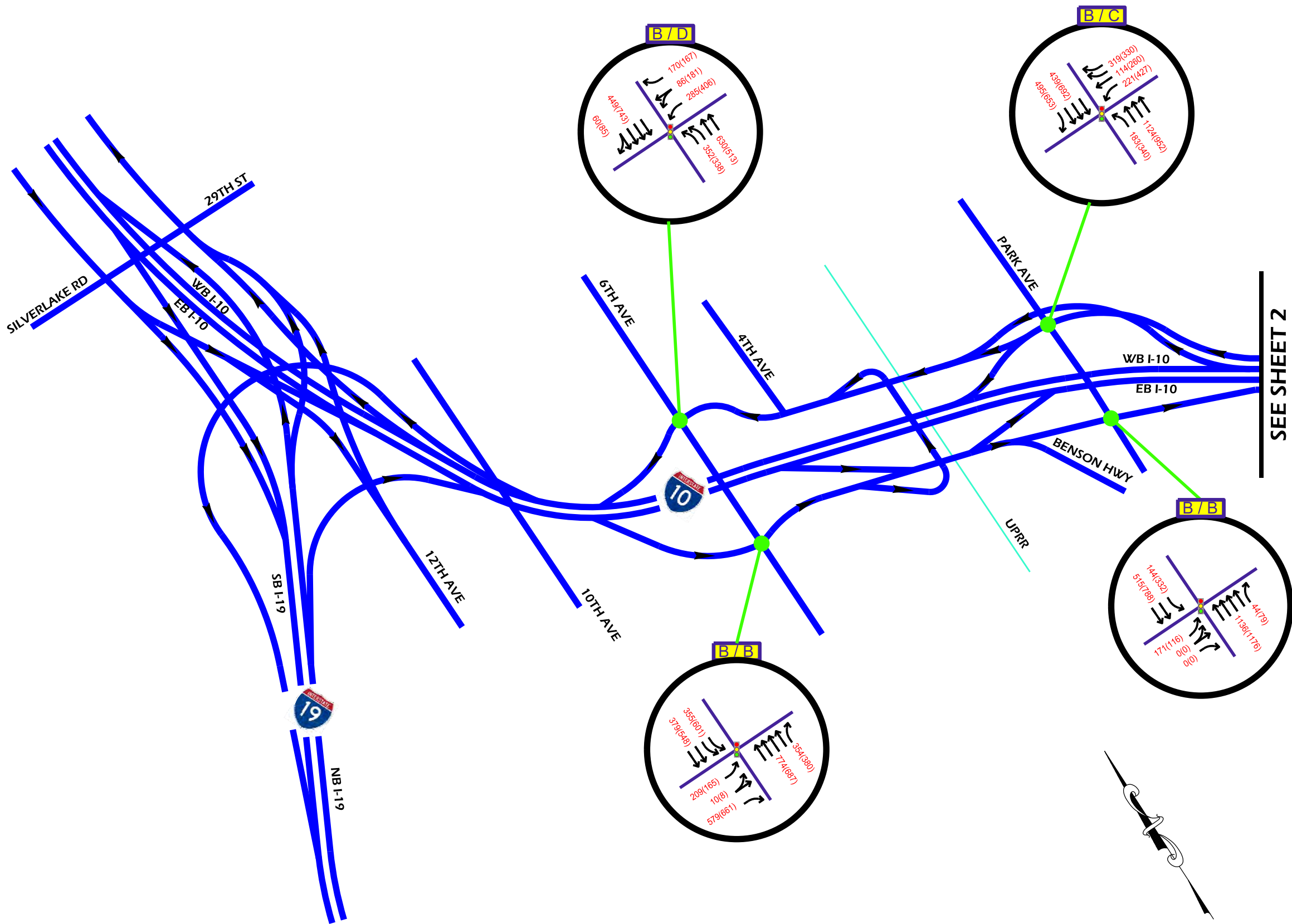
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- XX,XXX  
Lanes:Y+Z Directional Average Annual Daily Traffic (AADT)  
Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM:YYY  
PM:ZZZ AM Peak Hour Volume  
PM Peak Hour Volume
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

**Freeway/Multilane Highway Level-of-Service (LOS) Criteria**

LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE I  
TRAFFIC VOLUMES, LANES, &  
LEVEL-OF-SERVICE (LOS)**



**LEGEND**

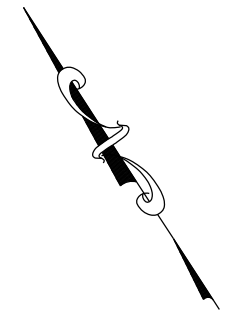
- X/X Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ) Peak Hour Turning Movement Volume AM(PM)
- Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

SEE SHEET 2

**Signalized Intersection Level-of-Service (LOS) Criteria**

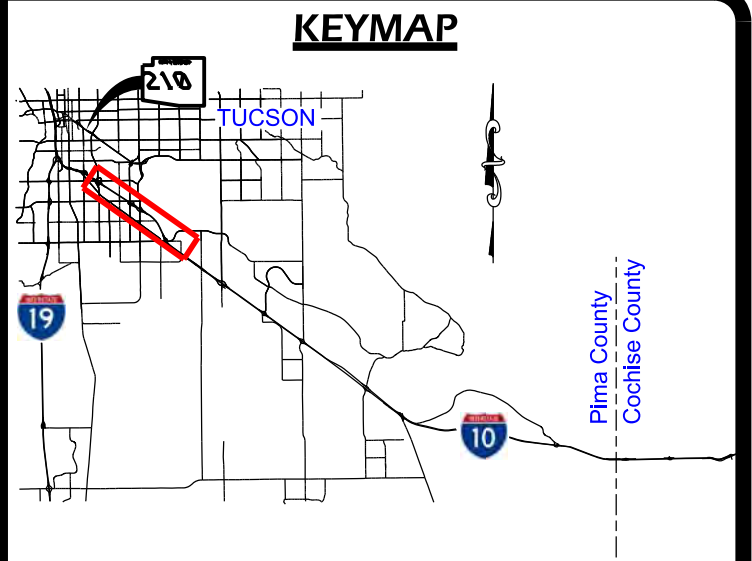
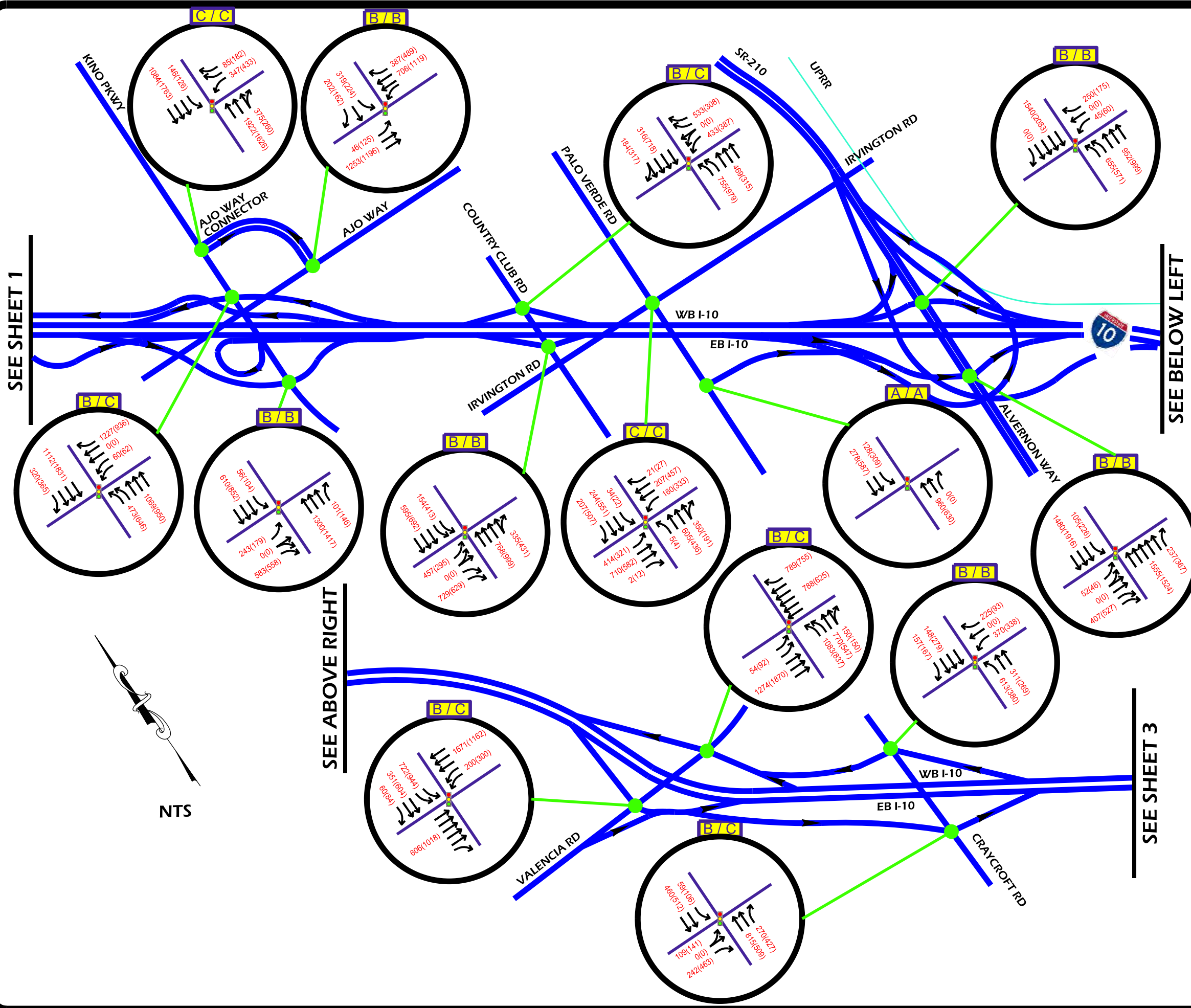
LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle



NTS

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE I  
PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**



### LEGEND

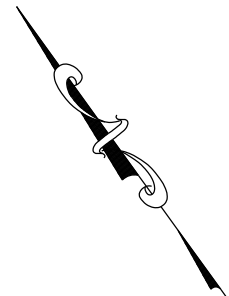
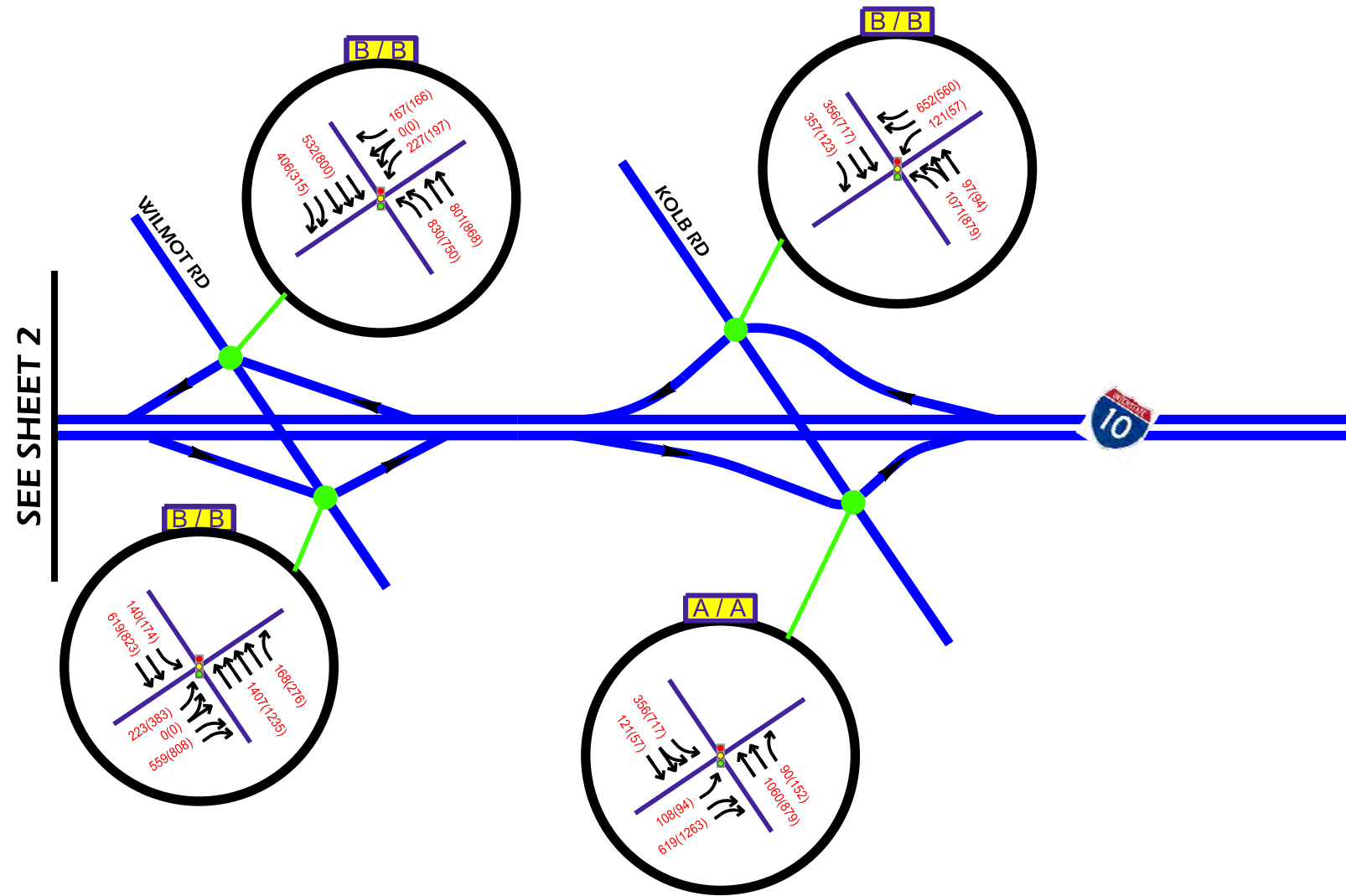
- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ)** Peak Hour Turning Movement Volume AM(PM)
- ↔↔↔** Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

#### Signalized Intersection Level-of-Service (LOS) Criteria

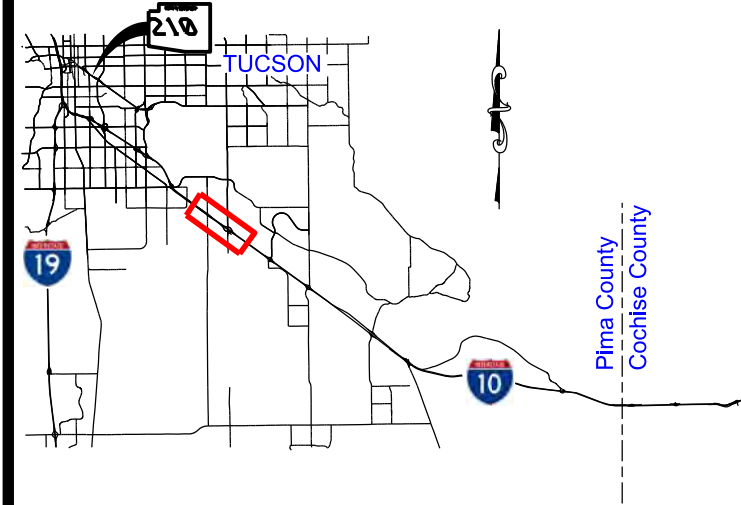
LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle

**YEAR 2040**  
**BUILD - SYSTEM ALTERNATIVE I**  
**PEAK HOUR VOLUMES,**  
**LANE CONFIGURATIONS, & LOS**



**KEYMAP**



**LEGEND**

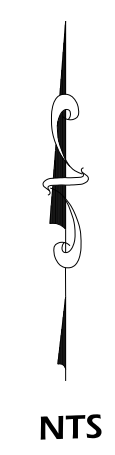
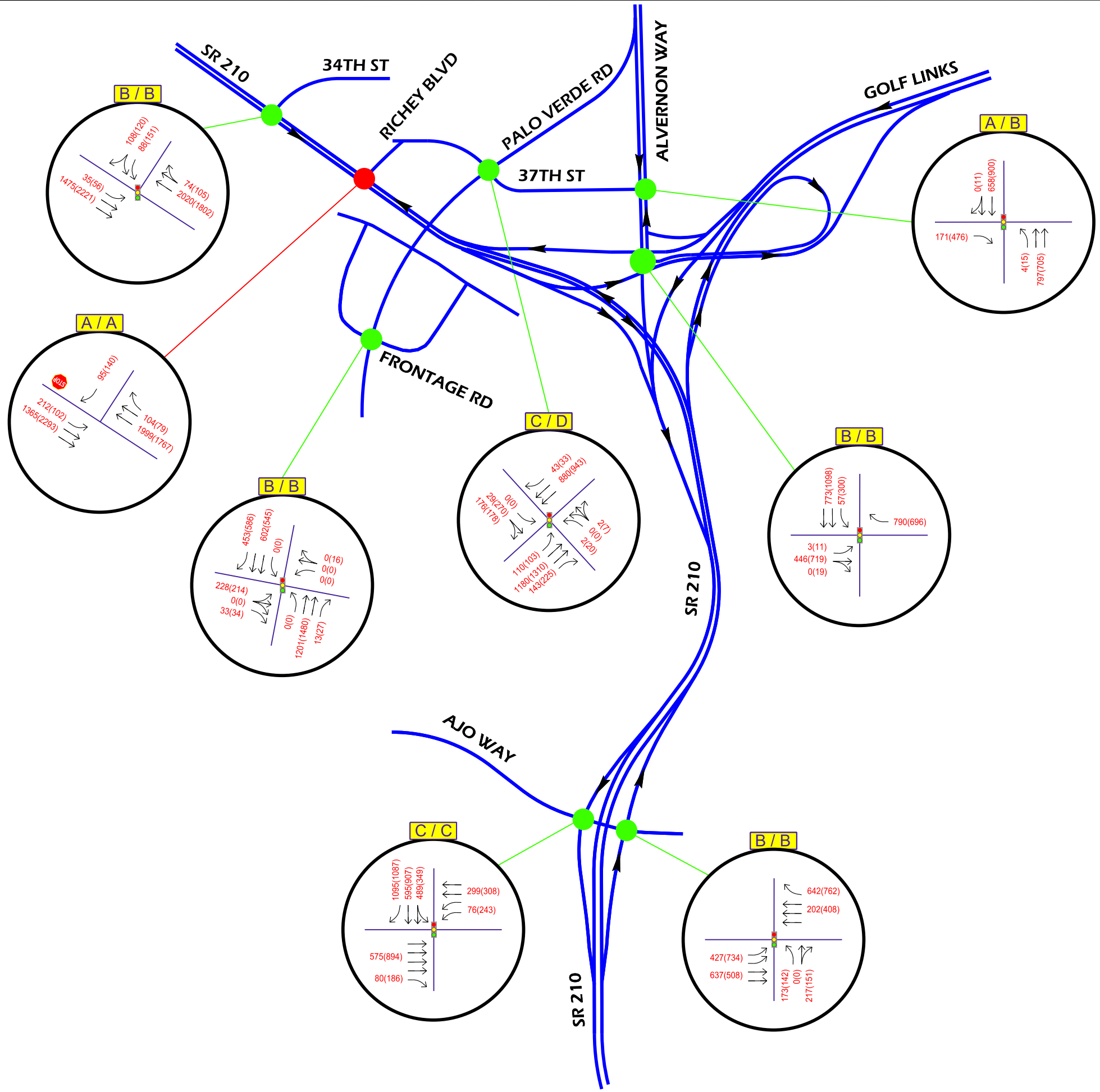
- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ) Peak Hour Turning Movement Volume AM(PM)
- ↔↔↔ Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- STOP Un-signalized Intersection

**Signalized Intersection Level-of-Service (LOS) Criteria**

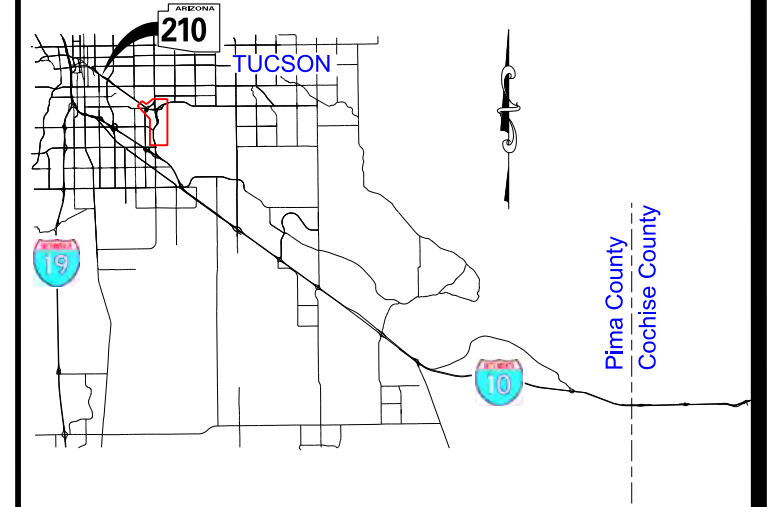
LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle

**YEAR 2040  
 BUILD - SYSTEM ALTERNATIVE I  
 PEAK HOUR VOLUMES,  
 LANE CONFIGURATIONS, & LOS**



**KEYMAP**



**LEGEND**

- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ)** Peak Hour Turning Movement Volume AM(PM)
- ↔↔↔ Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- STOP Un-signalized Intersection

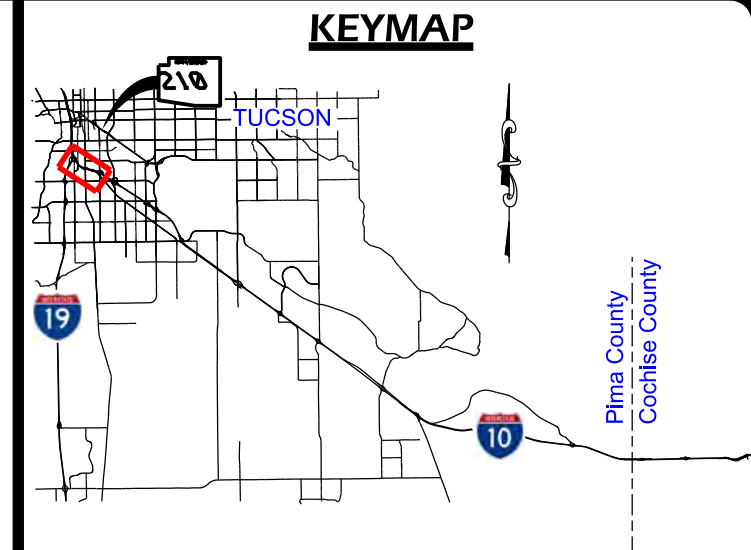
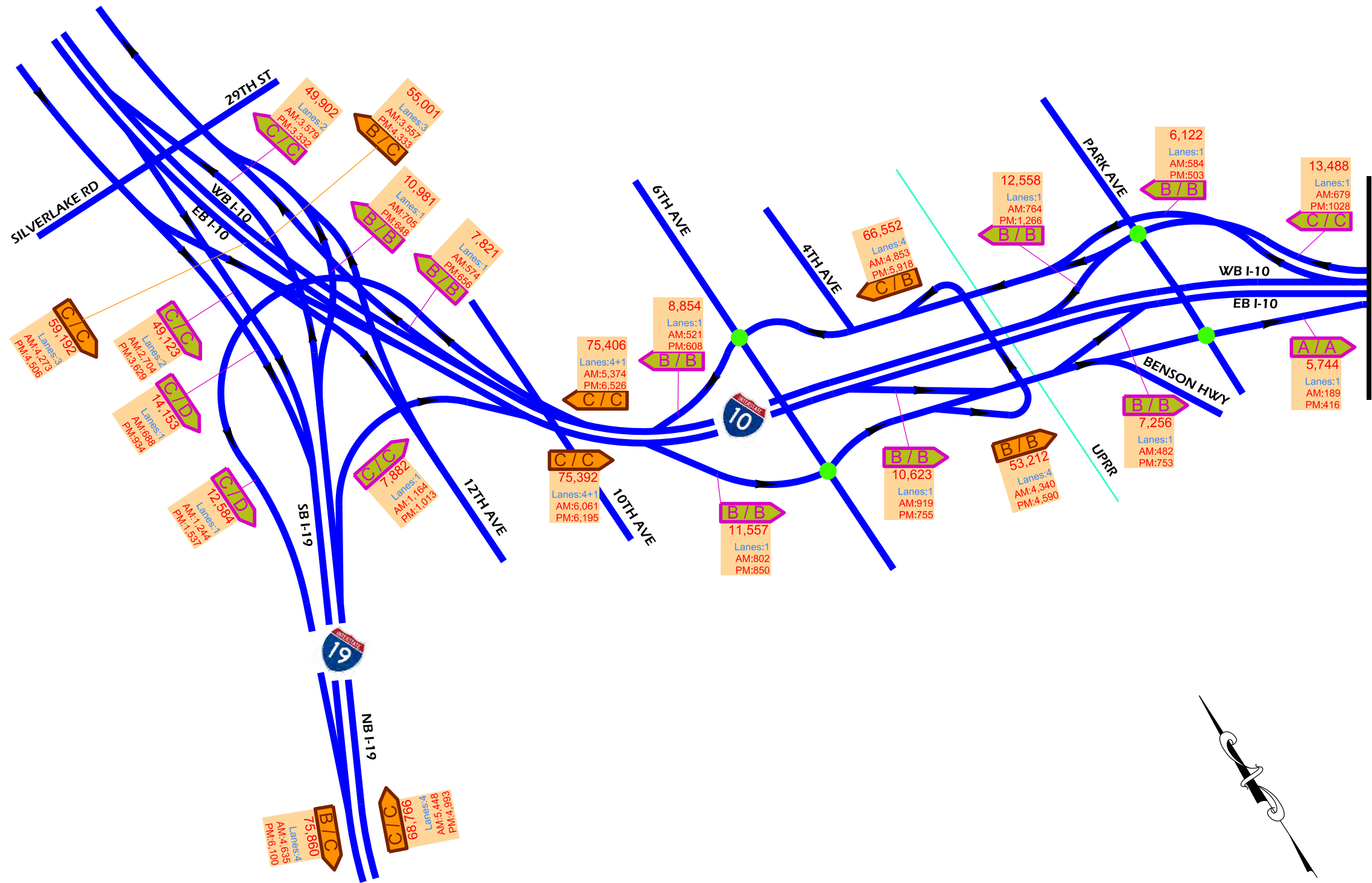
**Signalized Intersection Level-of-Service (LOS) Criteria**

LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE I  
PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**





### LEGEND

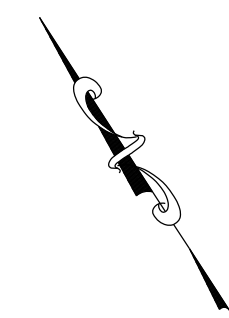
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Collector Distributor (CD) Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)
- Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM Peak Hour Volume  
PM Peak Hour Volume
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

**Freeway/Multilane Highway Level-of-Service (LOS) Criteria**

LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

SEE SHEET 2



NTS

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE IV  
TRAFFIC VOLUMES, LANES, &  
LEVEL-OF-SERVICE (LOS)**

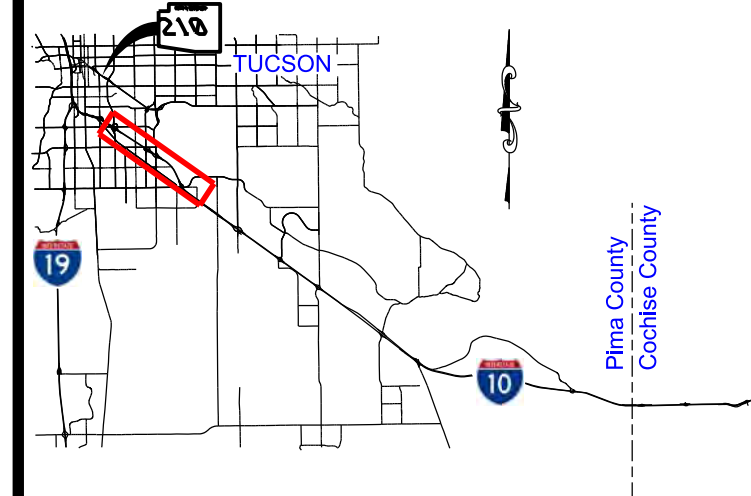
SEE SHEET 1

SEE BELOW LEFT

SEE ABOVE RIGHT

SEE SHEET 3

### KEYMAP



### LEGEND

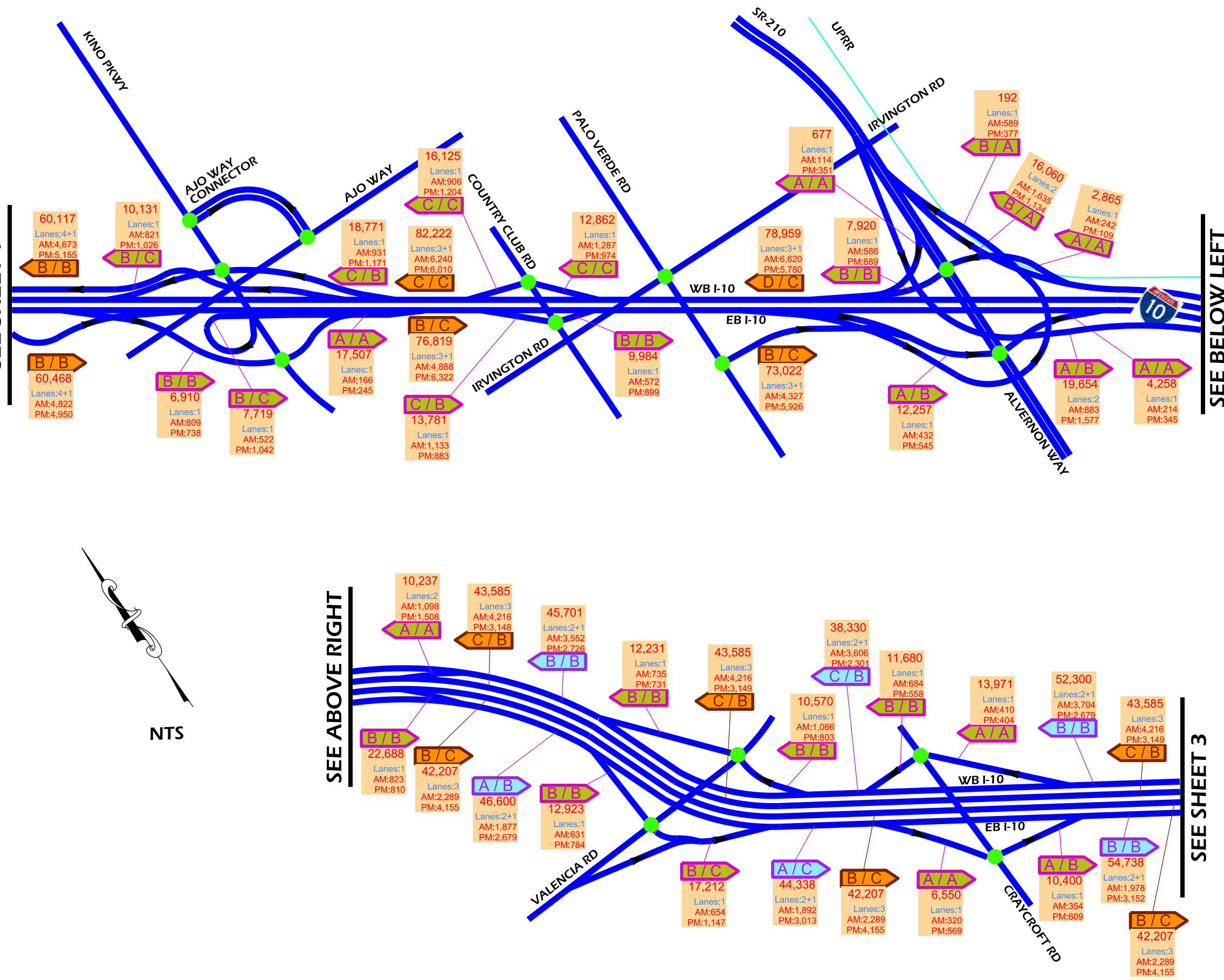
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Collector Distributor (CD) Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)
- Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM Peak Hour Volume  
PM Peak Hour Volume
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

#### Freeway/Multilane Highway Level-of-Service (LOS) Criteria

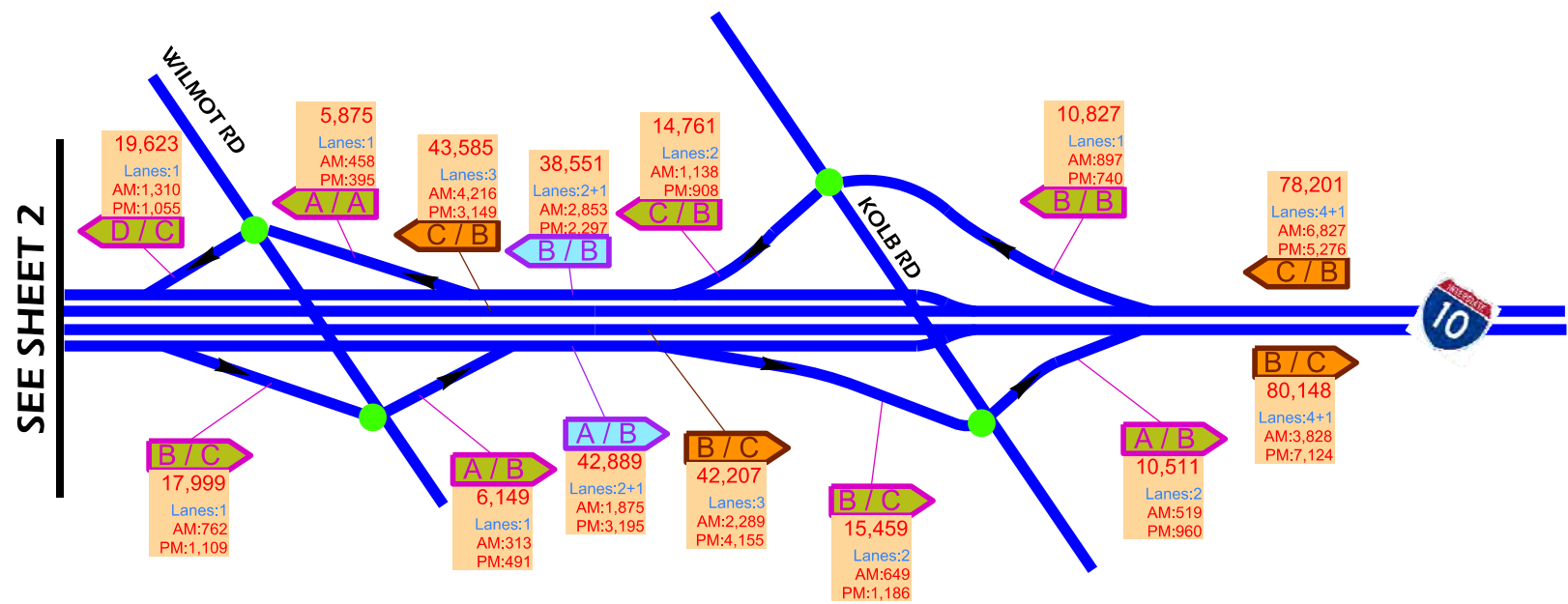
LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

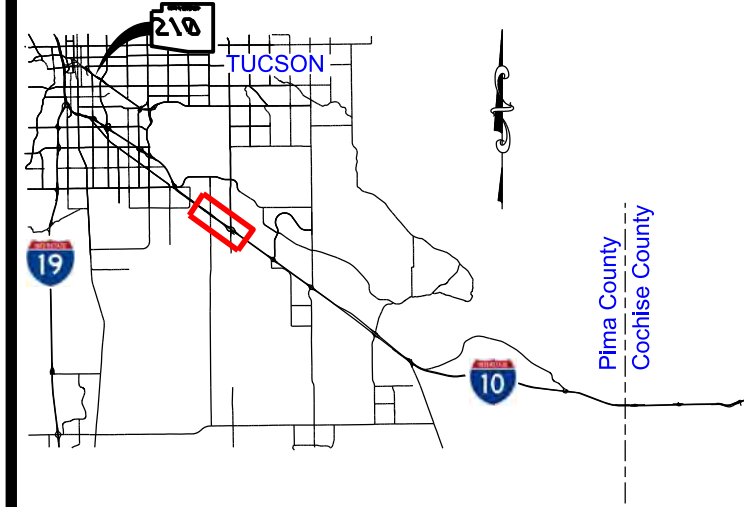
## YEAR 2040 BUILD - SYSTEM ALTERNATIVE IV TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)



NTS



**KEYMAP**



**LEGEND**

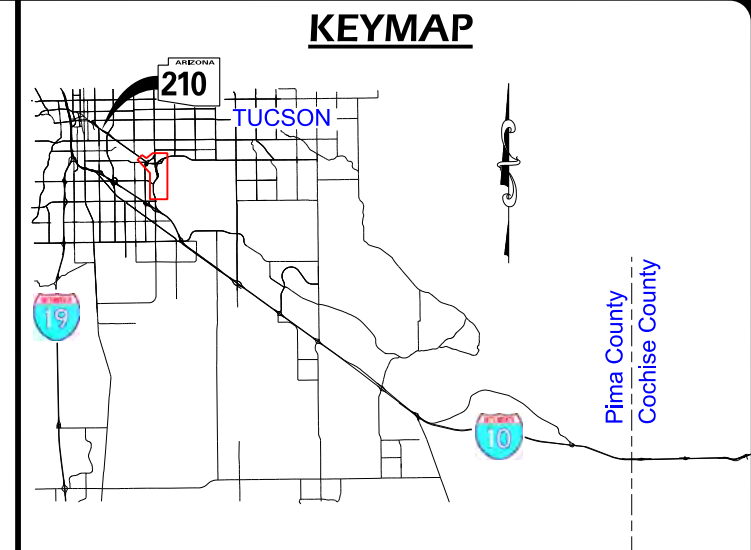
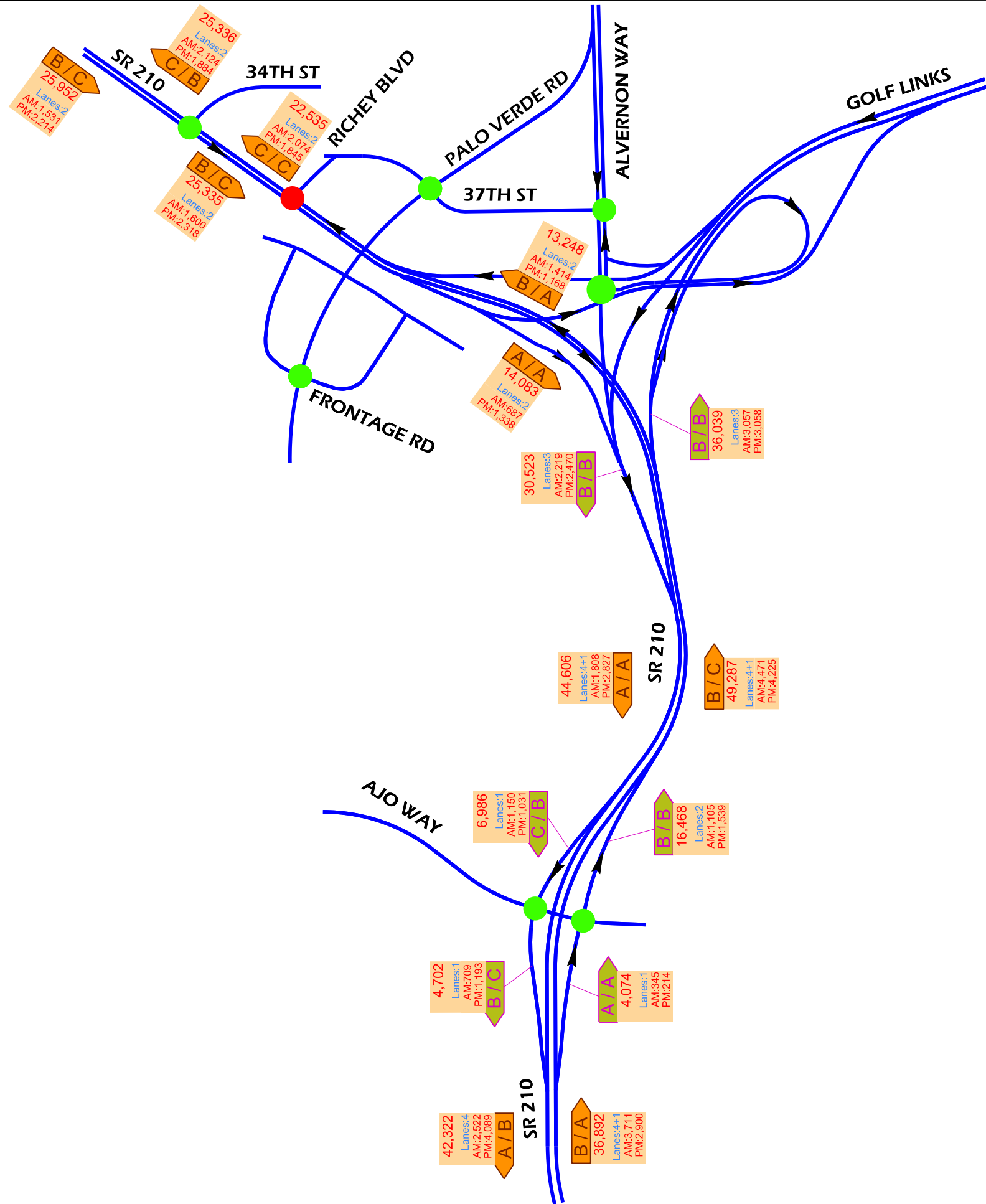
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Collector Distributor (CD) Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)
- Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM Peak Hour Volume  
PM Peak Hour Volume
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

**Freeway/Multilane Highway Level-of-Service (LOS) Criteria**

LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE IV  
TRAFFIC VOLUMES, LANES, &  
LEVEL-OF-SERVICE (LOS)**



### LEGEND

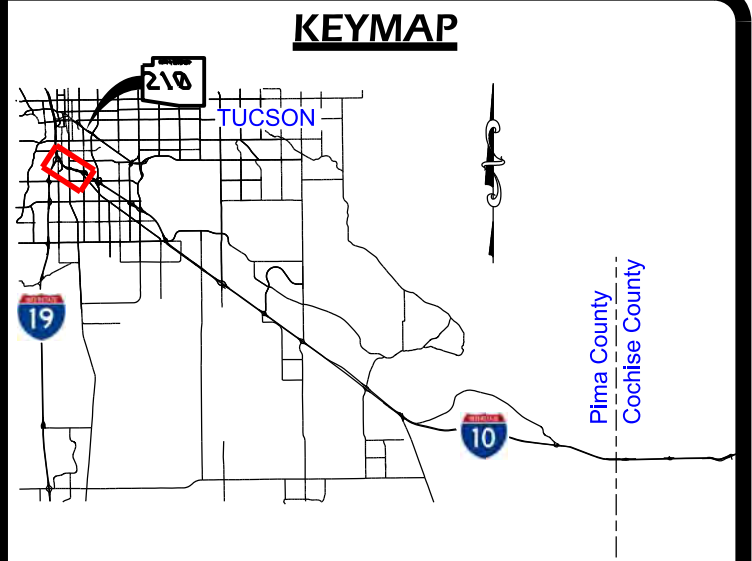
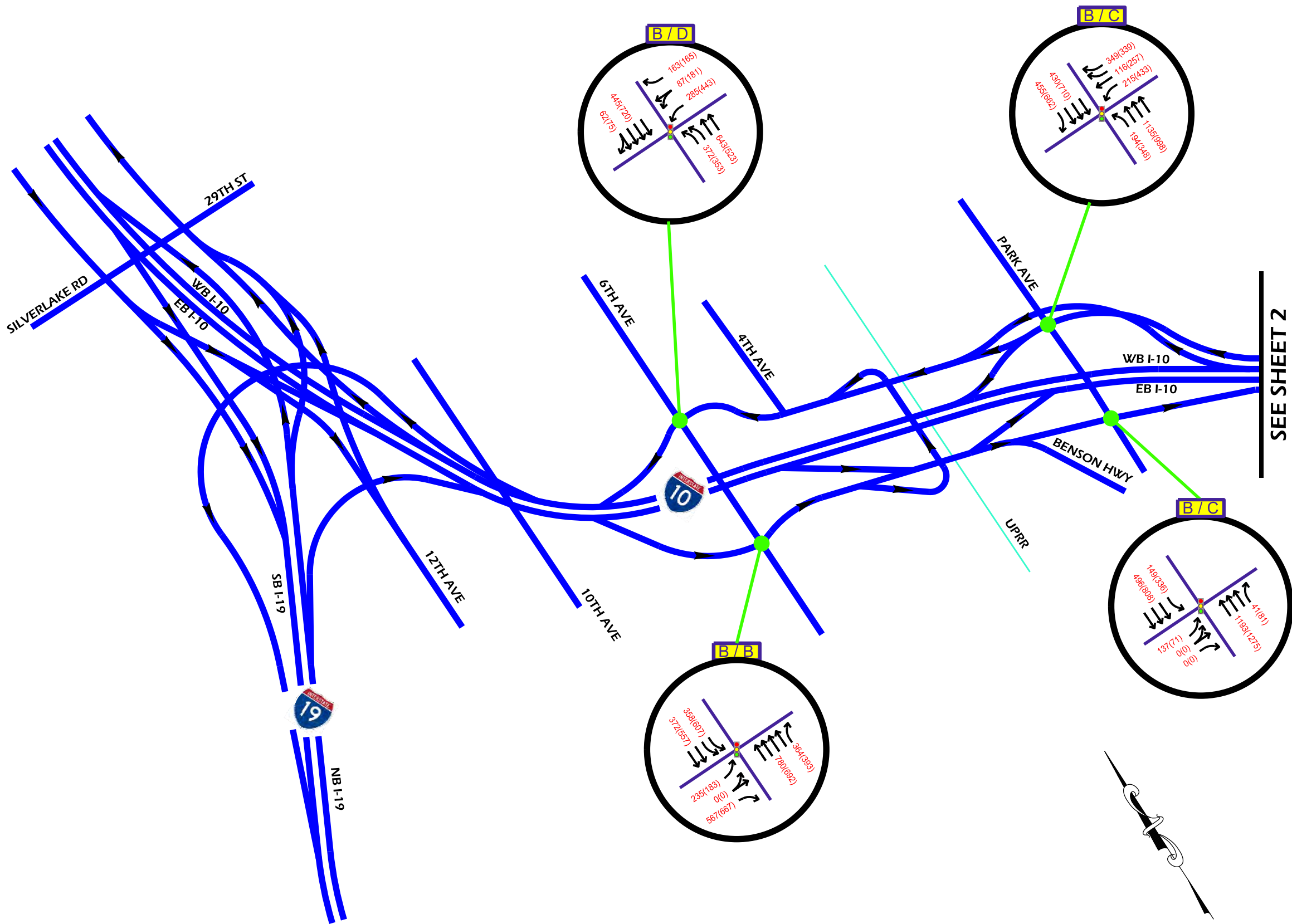
- Freeway/Multilane Highway Level of Service (LOS), Directional (AM/PM)
- Ramp Level of Service (LOS), Directional (AM/PM)
- Collector Distributor (CD) Level of Service (LOS), Directional (AM/PM)
- Directional Average Annual Daily Traffic (AADT)
- Number of Freeway/Highway Mainline Lanes, or Ramp Lanes, + Number of Aux. Lanes
- AM:YYY  
PM:ZZZ
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

Freeway/Multilane Highway Level-of-Service (LOS) Criteria

LOS	VEHICLE DENSITY (pc/mi/ln)*
A	0 - 11
B	> 11 - 18
C	> 18 - 26
D	> 26 - 35
E	> 35 - 45
F	> 45

\*Passenger cars per mile per lane

## YEAR 2040 BUILD - SYSTEM ALTERNATIVE IV TRAFFIC VOLUMES, LANES, & LEVEL-OF-SERVICE (LOS)



**LEGEND**

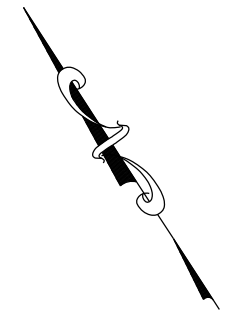
- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ)** Peak Hour Turning Movement Volume AM(PM)
- Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

SEE SHEET 2

**Signalized Intersection Level-of-Service (LOS) Criteria**

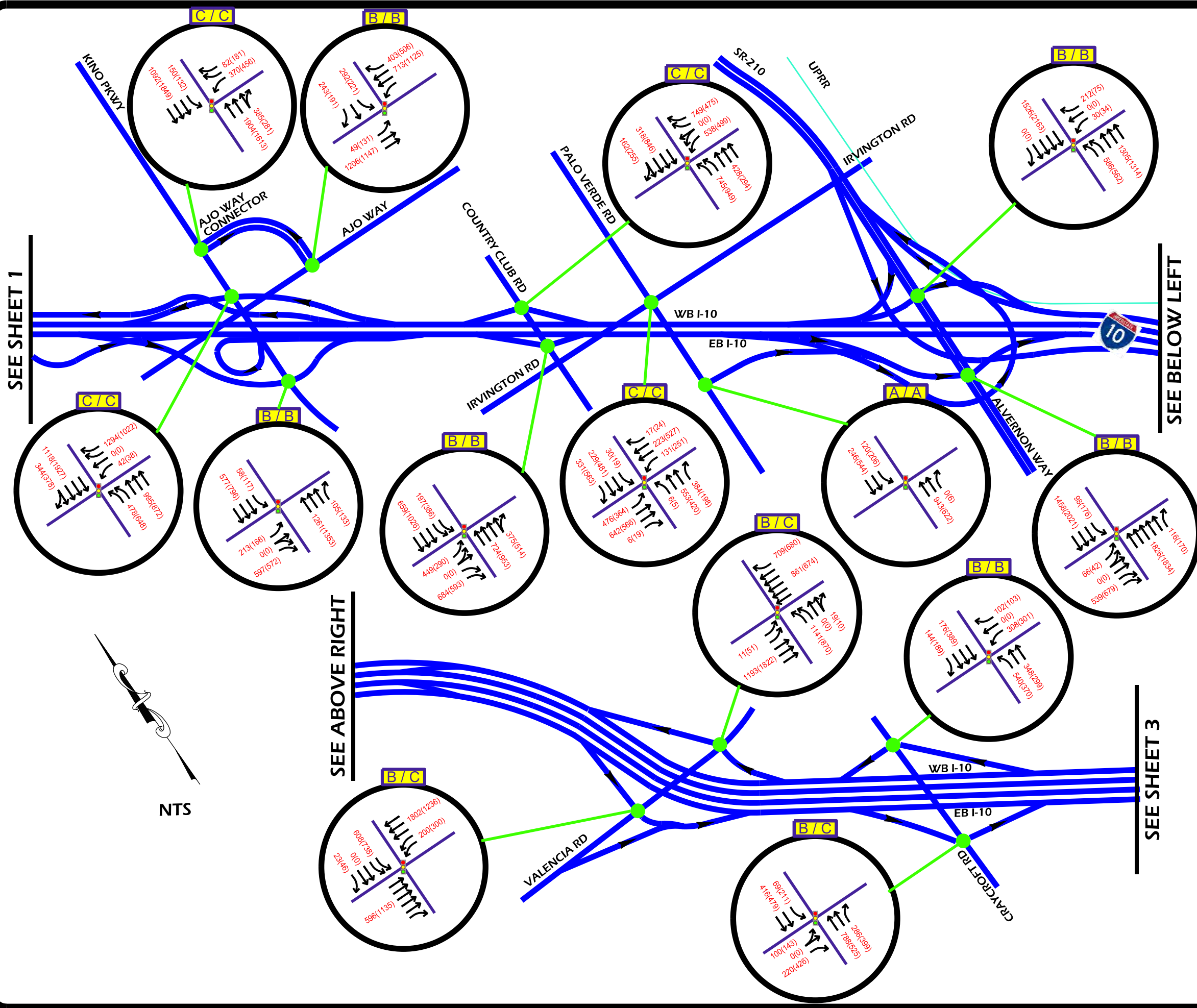
LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle



NTS

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE IV  
PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**



### KEYMAP

TUCSON

19

10

Prima County

Cochise County

### LEGEND

- X/X Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ) Peak Hour Turning Movement Volume AM(PM)
- ↔ Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- Un-signalized Intersection

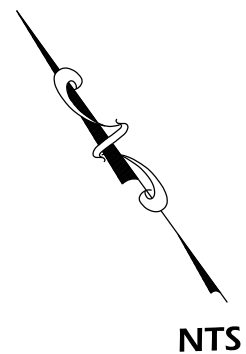
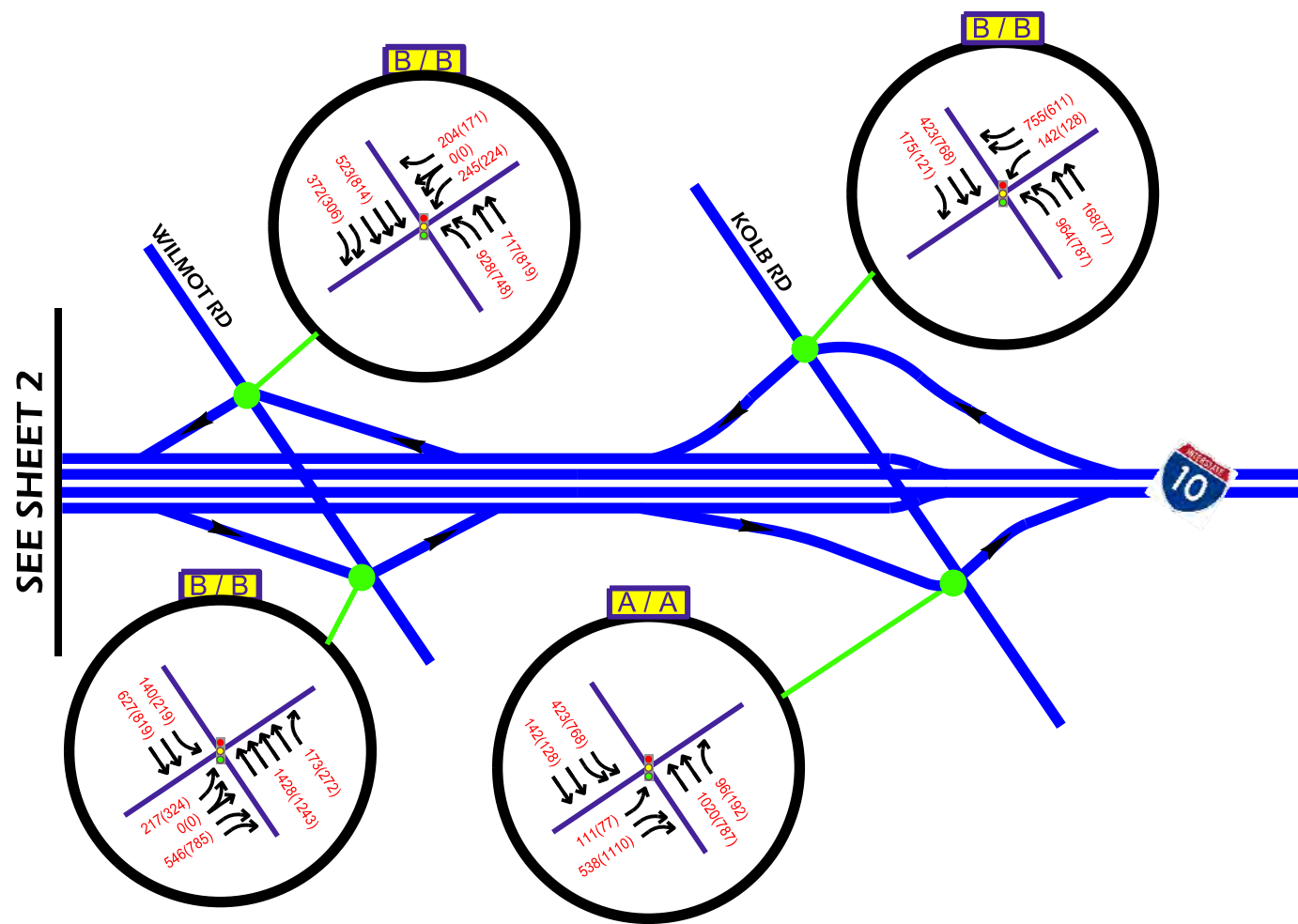
#### Signalized Intersection Level-of-Service (LOS) Criteria

LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

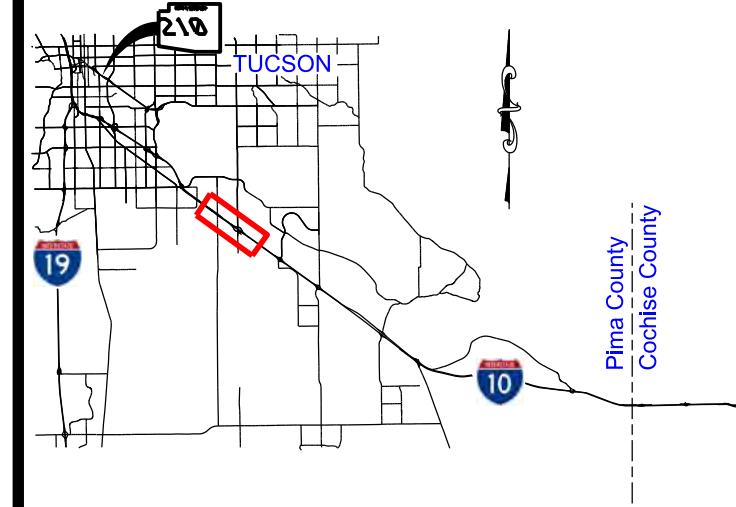
\*\*Seconds per vehicle

### YEAR 2040 BUILD - SYSTEM ALTERNATIVE IV PEAK HOUR VOLUMES, LANE CONFIGURATIONS, & LOS

Date: 01/2019      Sheet: 2 of 4



**KEYMAP**



**LEGEND**

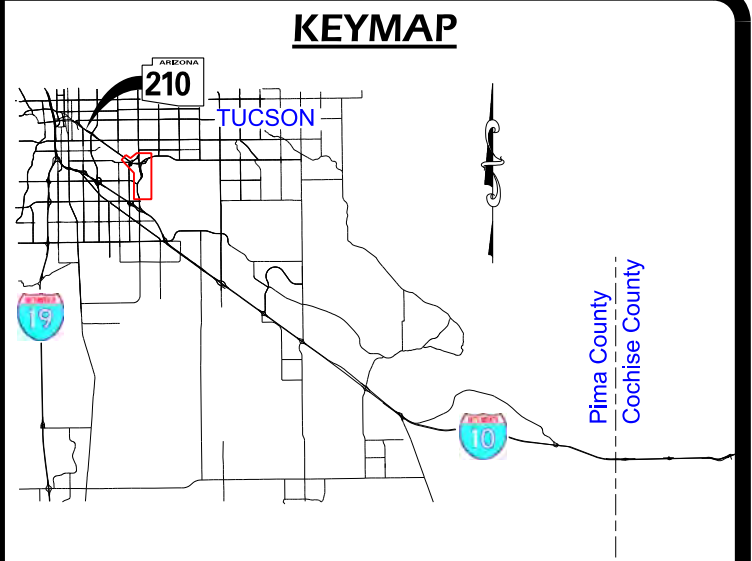
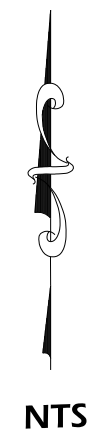
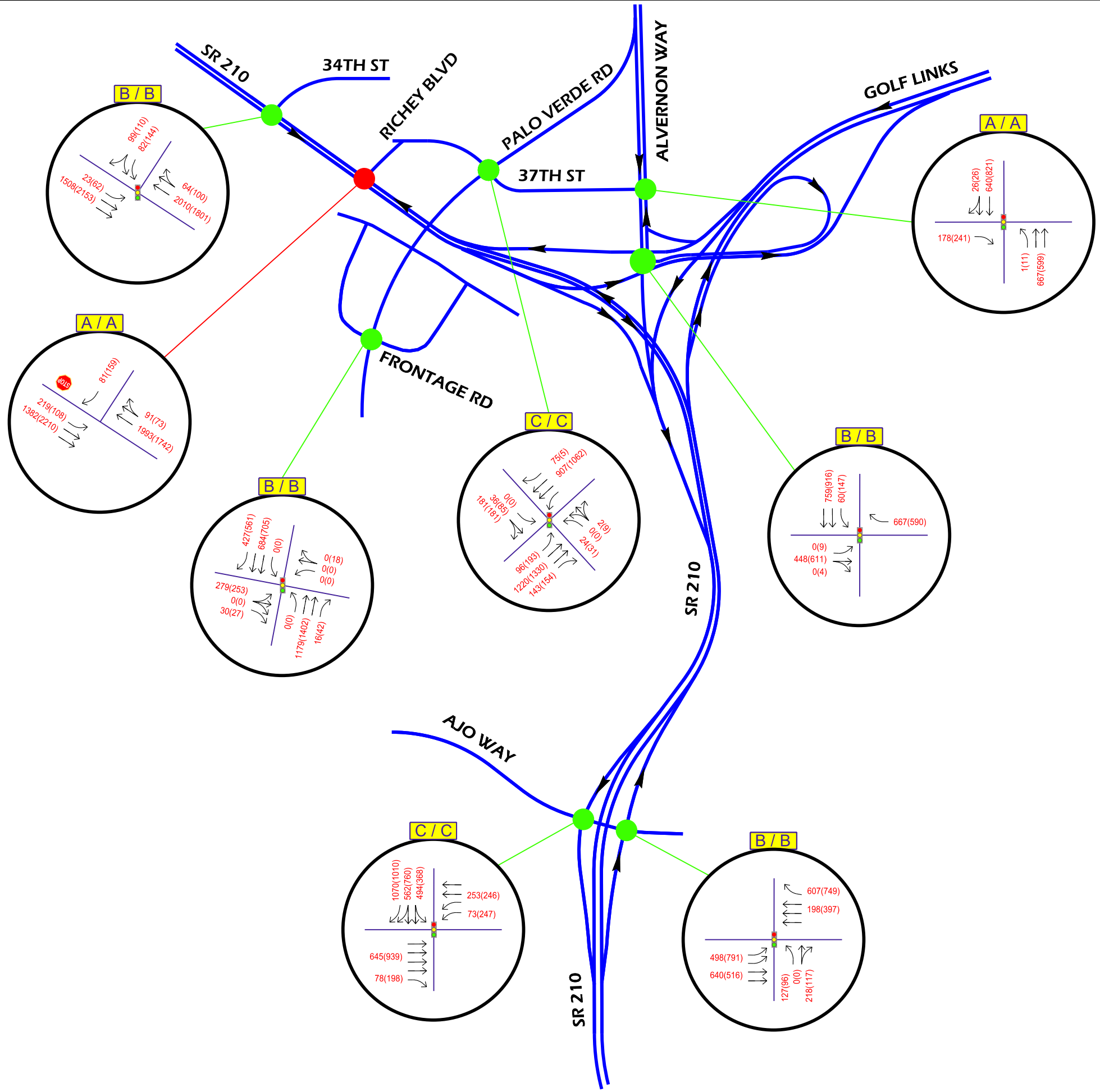
- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ) Peak Hour Turning Movement Volume AM(PM)
- ↔↔↔ Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- STOP Un-signalized Intersection

**Signalized Intersection Level-of-Service (LOS) Criteria**

LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE IV  
PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**



**LEGEND**

- X/X** Intersection Level of Service (LOS) (AM/PM)
- YYY(ZZZ)** Peak Hour Turning Movement Volume AM(PM)
- ↔↔↔ Lane Configuration
- Roadway
- Railroad Track
- Signalized Intersection
- STOP Un-signalized Intersection

**Signalized Intersection Level-of-Service (LOS) Criteria**

LOS	DELAY (sec/veh)**
A	≤ 10
B	> 10 ≤ 20
C	> 20 ≤ 35
D	> 35 ≤ 55
E	> 55 ≤ 80
F	> 80

\*\*Seconds per vehicle

**YEAR 2040  
BUILD - SYSTEM ALTERNATIVE IV  
PEAK HOUR VOLUMES,  
LANE CONFIGURATIONS, & LOS**