

# **CITY OF PERRIS HOUSING IMPLEMENTATION MEASURES TRANSPORTATION STUDY**

City of Perris  
May 12, 2023  
Revised (May 30, 2024)

**gandini**

Traffic Engineering • Transportation Planning • Parking • Noise & Vibration  
Air Quality • Global Climate Change • Health Risk Assessment

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May 12, 2023  
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*prepared by*

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Project No. 19598

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## **EXECUTIVE SUMMARY**

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The proposed project involves creation of an overlay zone for Housing Opportunity Sites identified in the recently adopted *City of Perris General Plan Housing Element* (August 17, 2022) that would continue to permit development in accordance with current zoning regulations or allow activation of the overlay zoning for development of up to 5,419 high-density, multifamily residential dwelling units distributed over 12 Housing Opportunity Areas ("Project").

The Housing Opportunity Areas are identified on Figure 7-3 of the Housing Element. Appendix B of the Housing Element provides detailed descriptions of each Housing Opportunity Area including the maximum number of potential units of multifamily housing that can be developed for each area. Full development of all Housing Opportunity Areas could result in up to 5,419 multifamily residential dwelling units.

### *Existing Conditions*

The study roadway segments currently operate within acceptable Levels of Service for Existing (2023) traffic conditions, except for the following study roadway segments that currently operate at unacceptable Levels of Service:

- D Street, I-215 Freeway to 4th Street (SR-74)
- Ethanac Road, I-215 Freeway to SR-74
- San Jacinto Avenue, Redlands Boulevard to Wilson Avenue
- San Jacinto Avenue, Wilson Avenue to Evans Road
- SR-74, Navajo Road to A Street
- SR-74, A Street to D Street

### *Project Trip Generation*

The proposed project (i.e., maximum buildout potential of the Housing Opportunity Areas) is forecast to generate approximately 36,524 daily trips, including 2,169 trips during the AM peak hour and 2,764 trips during the PM peak hour.

### *General Plan Buildout Roadway Segment Capacity Analysis*

The study roadway segments are projected to operate within acceptable Levels of Service (D or better) for General Plan Buildout (Post 2030) Without Project conditions, except for the following study roadway segments that are currently forecast to operate at Levels of Service E or F:

- G Street, San Jacinto Avenue to 4th Street (SR-74)
- G Street, 4th Street (SR-74) to Case Road
- SR-74, Navajo Road to A Street
- SR-74, A Street to D Street

The current City of Perris General Plan Circulation Element previously identified that these four roadway segments are projected to operate at Level of Service E or F for General Plan Buildout (Post 2030) Without Project conditions, and as a result will fall short of the City's performance standard of Level of Service D or better.

The General Plan Circulation Element states that SR-74 falls within City limits and therefore, due to right-of-way constraints, can serve at Level of Service E as indicated within the policy section under Goal 2, which

identifies the downtown area as an urban development area where transit and pedestrian activity should be encouraged.

The General Plan Circulation Element also notes that G Street should be upgraded to a 4-lane Secondary Arterial wherever feasible, and Transportation Demand Measures (TDM) should be considered to improve intersection and operations where right-of-way constraints prevent upgrade.

the addition of project trips (i.e., maximum development of the Housing Opportunity Areas) is forecast to cause no additional study roadway segments to operate at Level of Service E or F compared to the current General Plan Circulation Element forecasts, except for the following roadway segment:

- D Street, 4th Street (SR-74) to 11th Street

Similar to the deficient segments of SR-74, Level of Service E may be considered acceptable at this segment of D Street in accordance with Goal 2 policies of the General Plan Circulation Element, which identify the downtown area as an urban development area where transit and pedestrian activity should be encouraged.

Based on the roadway segment daily capacity analysis for General Plan Buildout (Post 2030) With Project conditions, maximum buildout of the proposed Housing Opportunity Areas is forecast to require no changes to roadway classifications or additional roadway widening beyond those already identified in the City's current General Plan Circulation Element.

#### *Recommendation*

While this analysis demonstrates that implementation of the overall Housing Overlay is not forecast to necessitate changes to the roadway classifications in the City of Perris General Plan Circulation Element, individual development proposals within the Housing Opportunity Areas should be required to review trip generation and determine the need and extent of site-specific evaluation in consultation with City of Perris staff.

# **1. INTRODUCTION**

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This section describes the purpose of this study, the proposed project, and the general scope of the analysis.

## **PURPOSE AND OBJECTIVES**

The purpose of this study is to evaluate the potential for transportation impacts resulting from development of the proposed project in the context of the City of Perris' discretionary authority for conformance with locally established operational standards. Although this is a technical report, effort has been made to write the report clearly and concisely. A glossary is provided in Appendix A to assist the reader with terms related to transportation engineering.

This study was prepared in consultation with City of Perris staff and in accordance with the procedures and methodologies for assessing transportation impacts established by the City of Perris. To assess the project's conformance with local operational standards, this study evaluates the project's effect on traffic operations and, if necessary, identifies recommended improvements or corrective measures to alleviate operational deficiencies substantially caused or worsened by the proposed project.

This transportation study will assess the effects to the City of Perris roadway network resulting from development of Housing Opportunity Areas identified in the City's recently updated Housing Element.

## **PROJECT DESCRIPTION**

The proposed project involves creation of an overlay zone for Housing Opportunity Sites identified in the recently adopted *City of Perris General Plan Housing Element* (August 17, 2022) that would continue to permit development in accordance with current zoning regulations or allow activation of the overlay zoning for development of up to 5,419 high-density, multifamily residential dwelling units distributed over 12 Housing Opportunity Areas ("Project").

The Housing Opportunity Areas are identified on Figure 7-3 of the Housing Element. Appendix B of the Housing Element provides detailed descriptions of each Housing Opportunity Area including the maximum number of potential units of multifamily housing that can be developed for each area. Table 1 summarizes the Housing Opportunity Area development potential, including the sites within each area and the maximum number of residential units estimated for each site. This information was obtained from Appendix B of the Housing Element. As shown in Table 1, full development of all Housing Opportunity Areas could result in up to 5,419 multifamily residential dwelling units.

Figure 1 shows the project location map. This figure shows the location of all twelve Housing Opportunity Areas overlayed onto the City of Perris Future Roadway Network (as identified on Exhibit CE-12 of the *City of Perris General Plan Circulation Element* (August 26, 2022).

## **SCOPE OF ANALYSIS**

The scope of this analysis was determined in consultation with City of Perris staff as documented in the City-approved scoping agreement provided in Appendix B.

### **Study Area**

Based on the study intersections identified in the approved scoping agreement (Appendix B), the study area consists of 48 study roadway segments within the City of Perris and California Department of Transportation (Caltrans) jurisdictions as shown in Table 2. Figure 2 shows the study roadway segment map.

## **Analysis Scenarios**

The following scenarios are analyzed for typical weekday daily conditions:

- Existing (2023)
- General Plan Buildout (Post 2030) Without Project
- General Plan Buildout (Post 2030) With Project

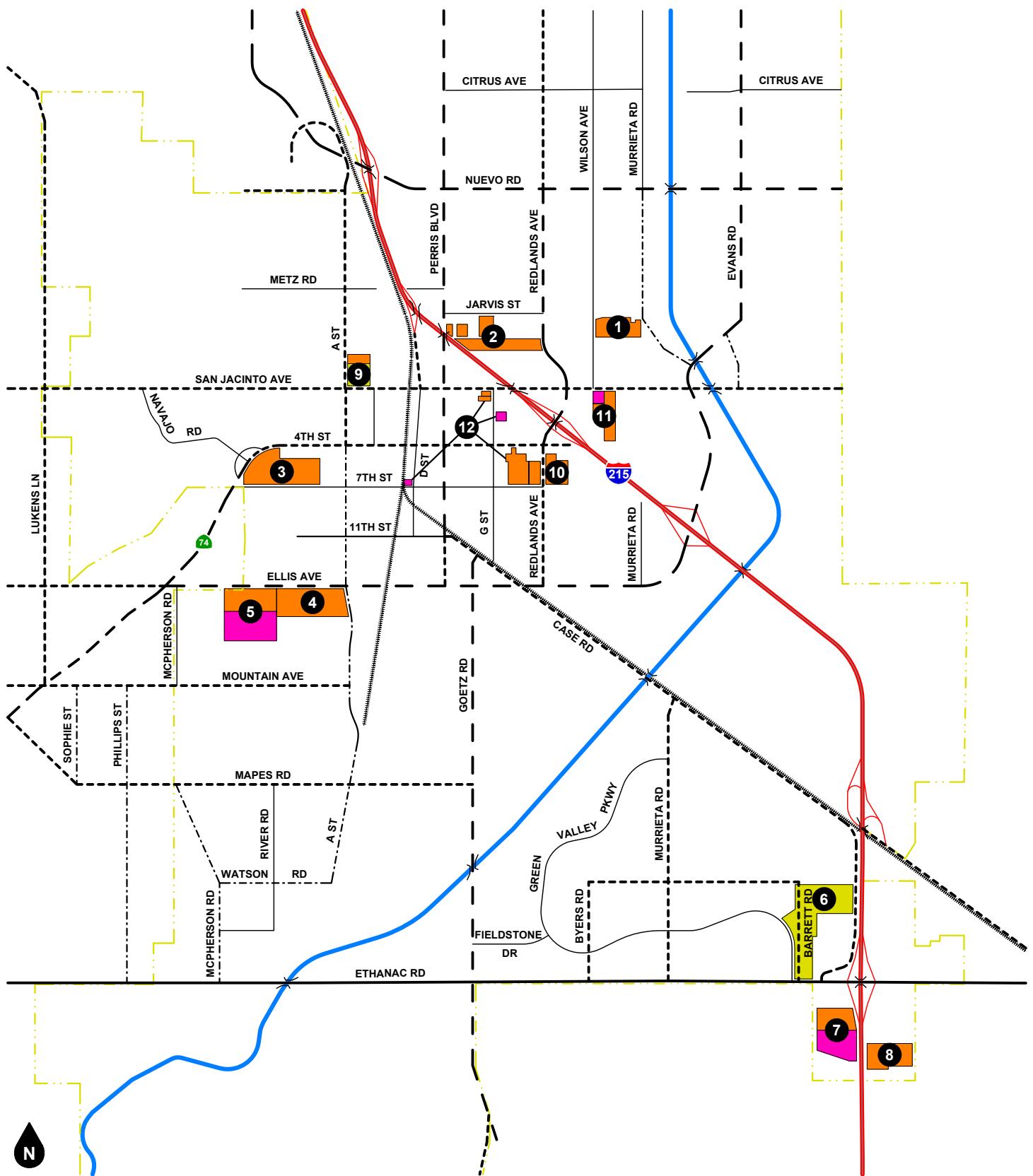
**Table 1**  
**Housing Opportunity Area Development Potential**

Area	Buildout Potential (DU)	Area	Buildout Potential (DU)
<b>1 - Subtotal</b>	<b>320</b>	7 - Site 7.1	113
2 - Site 2.1	109	7 - Site 7.2	179
2 - Site 2.2	120	7 - Site 7.3	13
2 - Site 2.3	123	7 - Site 7.4	69
2 - Site 2.4	120	<b>7 - Subtotal</b>	<b>374</b>
2 - Site 2.5	46	8 - Site 8.1	24
2 - Site 2.6	19	8 - Site 8.2	49
<b>2 - Subtotal</b>	<b>537</b>	8 - Site 8.3	111
3 - Site 3.1	104	8 - Site 8.4	17
3 - Site 3.2	122	<b>8 - Subtotal</b>	<b>201</b>
3 - Site 3.3	26	9 - Site 9.1	79
3 - Site 3.4	114	9 - Site 9.2	220
3 - Site 3.5	156	<b>9 - Subtotal</b>	<b>299</b>
3 - Site 3.6	36	10 - Site 10.1	70
3 - Site 3.7	127	10 - Site 10.2	60
<b>3 - Subtotal</b>	<b>685</b>	<b>10 - Subtotal</b>	<b>130</b>
<b>4 - Subtotal</b>	<b>881</b>	11 - Site 11.1	32
5 - Site 5.1	233	11 - Site 11.2	93
5 - Site 5.2	222	11 - Site 11.3	24
5 - Site 5.3	263	<b>11 - Subtotal</b>	<b>149</b>
5 - Site 5.4	251	12 - Site 12.1	35
<b>5 - Subtotal</b>	<b>969</b>	12 - Site 12.2	28
6 - Site 6.1	239	12 - Site 12.3	10
6 - Site 6.2	303	12 - Site 12.4	49
<b>6 - Subtotal</b>	<b>542</b>	12 - Site 12.5	31
-	-	12 - Site 12.6	109
-	-	12 - Site 12.7	70
-	-	<b>12 - Subtotal</b>	<b>332</b>
<b>TOTAL</b>			<b>5,419</b>

Source: City of Perris Housing Element (August 17, 2022); Appendix B.

**Table 2**  
**Study Roadway Segments**

ID	Street	Roadway Segment
1	7th Street	Redlands Avenue to SR-74
2	A Street	North of San Jacinto Avenue
3	A Street	San Jacinto Avenue to 4th Street (SR-74)
4	A Street	4th Street (SR-74) to 11th Street
5	A Street	11th Street to Ellis Avenue
6	A Street	Ellis Avenue to Mountain Avenue
7	Case Road	Perris Boulevard to Goetz Road
8	Case Road	Goetz Road to Ellis Avenue
9	Case Road	Ellis Avenue to Murrieta Road
10	Case Road	Murrieta Road to I-215 Freeway
11	D Street	I-215 Freeway to 4th Street (SR-74)
12	D Street	4th Street (SR-74) to 11th Street
13	Ellis Avenue	SR-74 to A Street
14	Ellis Avenue	A Street to Goetz Road
15	Ellis Avenue	Goetz Road to Case Road
16	Ellis Avenue	Case Road to Redlands Avenue
17	Ethanac Road	Murrieta Road to Green Valley Parkway
18	Ethanac Road	Green Valley Parkway to I-215 Freeway
19	Ethanac Road	I-215 Freeway to SR-74
20	G Street	San Jacinto Avenue to 4th Street (SR-74)
21	G Street	4th Street (SR-74) to Case Road
22	Jarvis Avenue	Perris Boulevard to Redlands Avenue
23	Mountain Avenue	McPherson Road to A Street
24	Murrieta Road	Nuevo Road to Evans Road
25	Perris Boulevard	Nuevo Road to East Jarvis Avenue
26	Perris Boulevard	East Jarvis Avenue to San Jacinto Avenue
27	Perris Boulevard	San Jacinto Avenue to 4th Street (SR-74)
28	Perris Boulevard	4th Street (SR-74) to 11th Street
29	Perris Boulevard	11th Street to Ellis Avenue
30	Redlands Avenue	Nuevo Road to East Jarvis Avenue
31	Redlands Avenue	East Jarvis Avenue to San Jacinto Avenue
32	Redlands Avenue	San Jacinto Avenue to I-215 Freeway
33	Redlands Avenue	I-215 Freeway to 4th Street (SR-74)
34	Redlands Avenue	4th Street (SR-74) to Ellis Avenue
35	San Jacinto Avenue	East of A Street
36	San Jacinto Avenue	A Street to D Street
37	San Jacinto Avenue	D Street to Perris Boulevard
38	San Jacinto Avenue	Perris Boulevard to G Street
39	San Jacinto Avenue	G Street to Redlands Boulevard
40	San Jacinto Avenue	Redlands Boulevard to Wilson Avenue
41	San Jacinto Avenue	Wilson Avenue to Evans Road
42	SR-74	Ellis Avenue to Navajo Road
43	SR-74	Navajo Road to A Street
44	SR-74	A Street to D Street
45	SR-74	D Street to Perris Boulevard
46	SR-74	Perris Boulevard to G Street
47	SR-74	G Street to Redlands Boulevard
48	Wilson Avenue	Nuevo Road to San Jacinto Avenue



**Legend**

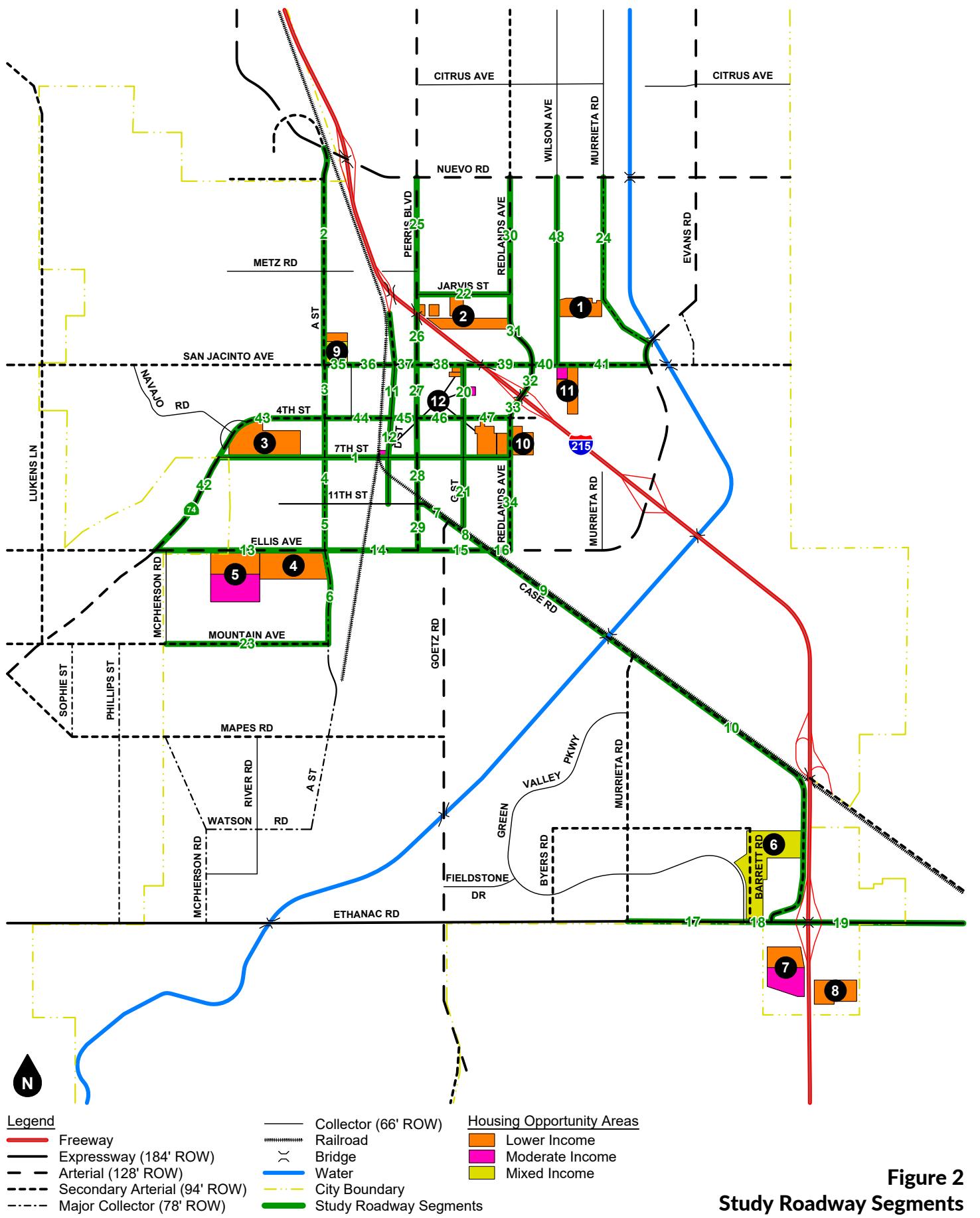
- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)

Collector (66' ROW)  
Railroad  
Bridge  
Water  
City Boundary

**Housing Opportunity Areas**

Lower Income
Moderate Income
Mixed Income

**Figure 1**  
**Project Location Map**



**Figure 2**  
**Study Roadway Segments**

## **2. METHODOLOGY**

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This section discusses the analysis methodologies used to assess transportation facility performance as adopted by the City of Perris.

### **ROADWAY SEGMENT LEVEL OF SERVICE ANALYTICAL METHODOLOGY**

Level of Service analysis is performed to assess conformance with General Plan and operational standards established by the applicable agencies. In accordance with current CEQA provisions, a project's effect on automobile delay (as measured by Level of Service) shall not constitute a significant environmental impact.

#### **Analytical Methodology**

Roadway segment Level of Service is evaluated based on the volume-to-capacity methodology. Roadway capacities by classification and Level of Service are shown in Table 3 in accordance with the values established in the City of Perris General Plan Circulation Element (Table CE-9, Perris Roadway Future Capacity/Level of Service). The roadway segment capacities shown in Table 3 represent the theoretical maximum two-way average daily traffic volumes that the specified roadway can accommodate within one typical 24-hour day, given typical peak hour characteristics. Generally, roadway segment analysis is performed for planning purposes only and is affected by factors such as the number of intersections (spacing, configuration and control features), degree of access control, roadway grades, design geometrics (horizontal and vertical alignments), sight distance, vehicle mix (truck and bus traffic), and bicycle/pedestrian traffic. Roadway segments benefit from on-going traffic signal progression timing adjustments that maximize green time during peak traffic demands.

#### **Performance Standards**

The City of Perris has established Level of Service D as the minimum acceptable Level of Service along all City maintained roads (including intersections) and Level of Service D along I-215 and SR-74 (including intersections with local streets and roads). An exception to the local road standard is Level of Service E at intersections of any Arterials and Expressways with SR-74, the Ramona-Cajalco Expressway, or at I-215 freeway ramps. Level of Service E may be allowed within the boundaries of the Downtown Specific Plan Area to the extent that it would support transit-oriented development and walkable communities. Increased congestion in this area will facilitate an increase in transit ridership and encourage development of a complementary mix of land uses within a comfortable walking distance from light rail stations.

**Table 3**  
**City of Perris Future Roadway Segment Daily Capacities**

Roadway Classification	Number of Lanes	Maximum Two-Way Traffic Volume (ADT) <sup>1,2</sup>				
		LOS A	LOS B	LOS C	LOS D	LOS E
Collector/Local	2	7,800	9,100	10,400	11,700	13,000
Major Collector	2	10,800	12,600	14,400	16,200	18,000
Secondary Arterial	4	21,540	25,130	28,700	32,300	35,900
Arterial	6	32,340	37,730	43,100	48,500	53,900
Expressway	6	36,780	42,910	49,000	55,200	61,300
Expressway	8	49,020	57,190	65,400	73,500	81,700
Freeway	4	45,900	53,550	61,200	68,900	76,500
Freeway	6	70,500	82,250	94,000	105,800	117,500
Freeway	8	96,300	112,350	128,400	144,500	160,500
Freeway	10	120,360	140,420	160,500	180,500	200,600

Notes:

1. Source: City of Perris roadway daily service volume standards from *City of Perris General Plan Circulation Element* (Table CE-9: Perris Roadway Future Capacity / Level of Service).

2. ADT = Average Daily Traffic; LOS = Level of Service

### **3. EXISTING (2023) CONDITIONS**

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This section summarizes existing roadway volumes and Level of Service conditions for the study roadway segments.

#### **EXISTING (2023) ROADWAY VOLUMES**

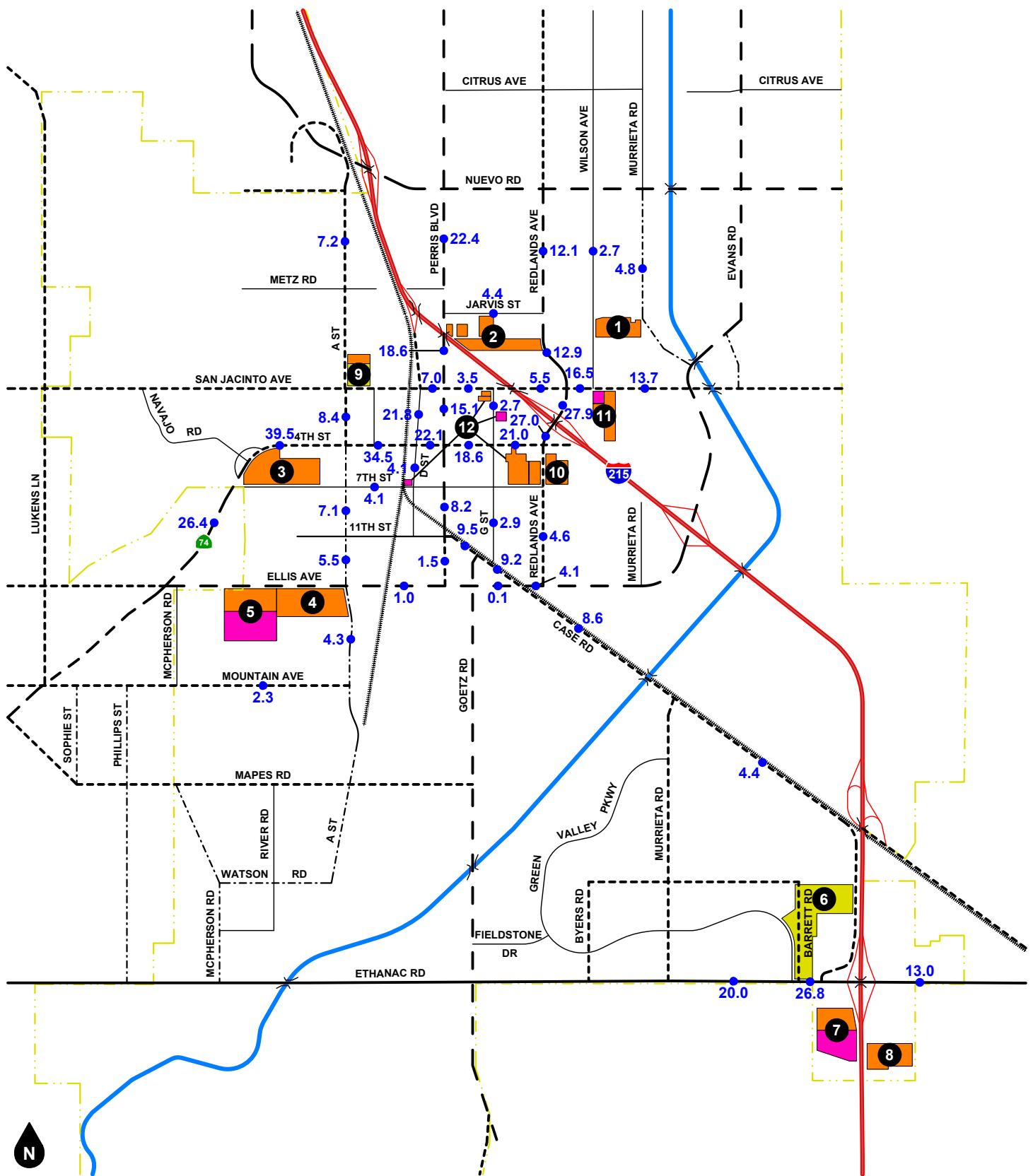
Figure 3 shows existing average daily traffic volumes for the study roadway segments. Existing roadway segment volumes are based on 24-hour daily counts obtained in April 2023 during typical weekday conditions when the local schools were in session. Roadway segment count worksheets are provided in Appendix C.

#### **EXISTING (2023) ROADWAY SEGMENT LEVELS OF SERVICE**

Table 4 shows the roadway segment daily capacity analysis for existing conditions. The roadway classification utilized is the classification that most closely resembles the existing design of the roadway segment.

As shown in Table 4, the study roadway segments currently operate within acceptable Levels of Service (D or better) for existing conditions, except for the following study roadway segments that currently operate at deficient Levels of Service (E or F):

- D Street, I-215 Freeway to 4th Street (SR-74)
- Ethanac Road, I-215 Freeway to SR-74
- San Jacinto Avenue, Redlands Boulevard to Wilson Avenue
- San Jacinto Avenue, Wilson Avenue to Evans Road
- SR-74, Navajo Road to A Street
- SR-74, A Street to D Street



**Figure 3**  
**Existing (2023) Average Daily Traffic Volumes**

**Table 4 (1 of 2)**  
**Existing (2023) Roadway Segment Daily Capacity Analysis**

ID	Roadway Segment		Existing (2023) Conditions					
	Roadway	Segment	Classification <sup>1</sup>	Lanes <sup>2</sup>	Capacity <sup>3</sup>	ADT <sup>4</sup>	V/C <sup>4</sup>	LOS <sup>4</sup>
1	7th St	Redlands Ave to SR-74	Collector	2	13,000	4,100	0.32	A
2	A St	North of San Jacinto Ave	Collector	2	13,000	7,200	0.55	A
3	A St	San Jacinto Ave to 4th St (SR-74)	Collector	2	13,000	8,400	0.65	B
4	A St	4th St (SR-74) to 11th St	Collector	2	13,000	7,100	0.54	A
5	A St	11th St to Ellis Ave	Collector	2	13,000	5,500	0.42	A
6	A St	Ellis Ave to Mountain Ave	Collector	2	13,000	4,300	0.33	A
7	Case Rd	Perris Blvd to Goetz Rd	Major Collector	2	18,000	9,500	0.53	A
8	Case Rd	Goetz Rd to Ellis Ave	Collector	2	13,000	9,200	0.71	C
9	Case Rd	Ellis Ave to Murrieta Rd	Collector	2	13,000	8,600	0.66	B
10	Case Rd	Murrieta Rd to I-215 Freeway	Collector	2	13,000	4,400	0.34	A
11	D St	I-215 Freeway to 4th St (SR-74)	Major Collector	2	18,000	21,800	1.21	<b>F</b>
12	D St	4th St (SR-74) to 11th St	Collector	2	13,000	4,100	0.31	A
13	Ellis Ave	SR-74 to A St	Road Not Built	n/a	n/a	n/a	n/a	n/a
14	Ellis Ave	A St to Goetz Rd	Secondary Arterial	4	35,900	1,000	0.03	A
15	Ellis Ave	Goetz Rd to Case Rd	Collector	2	13,000	100	0.00	A
16	Ellis Ave	Case Rd to Redlands Ave	Collector	2	13,000	4,100	0.31	A
17	Ethanac Rd	Murrieta Rd to Green Valley Pkwy	Secondary Arterial	4	35,900	20,000	0.56	A
18	Ethanac Rd	Green Valley Pkwy to I-215 Freeway	Secondary Arterial	4	35,900	26,800	0.75	C
19	Ethanac Rd	I-215 Freeway to SR-74	Collector	2	13,000	13,000	1.00	<b>E</b>
20	G St	San Jacinto Ave to 4th St (SR-74)	Collector	2	13,000	2,700	0.21	A
21	G St	4th St (SR-74) to Case Rd	Collector	2	13,000	2,900	0.22	A
22	Jarvis Ave	Perris Blvd to Redlands Ave	Collector	2	13,000	4,400	0.34	A
23	Mountain Ave	McPherson Rd to A St	Collector	2	13,000	2,300	0.18	A
24	Murrieta Rd	Nuevo Rd to Evans Rd	Collector	2	13,000	4,800	0.37	A
25	Perris Blvd	Nuevo Rd to East Jarvis Ave	Secondary Arterial	4	35,900	22,400	0.62	B
26	Perris Blvd	East Jarvis Ave to San Jacinto Ave	Secondary Arterial	4	35,900	18,600	0.52	A
27	Perris Blvd	San Jacinto Ave to 4th St (SR-74)	Secondary Arterial	4	35,900	15,100	0.42	A
28	Perris Blvd	4th St (SR-74) to 11th St	Major Collector	2	18,000	8,200	0.45	A
29	Perris Blvd	11th St to Ellis Ave	Major Collector	2	18,000	1,500	0.09	A
30	Redlands Ave	Nuevo Rd to East Jarvis Ave	Secondary Arterial	4	35,900	12,100	0.34	A
31	Redlands Ave	East Jarvis Ave to San Jacinto Ave	Secondary Arterial	4	35,900	12,900	0.36	A
32	Redlands Ave	San Jacinto Ave to I-215 Freeway	Arterial	6	53,900	27,900	0.52	A
33	Redlands Ave	I-215 Freeway to 4th St (SR-74)	Arterial	6	53,900	27,000	0.50	A
34	Redlands Ave	4th St (SR-74) to Ellis Ave	Collector	2	13,000	4,600	0.36	A
35	San Jacinto Ave	East of A St	Collector	2	13,000	n/a	n/a	n/a
36	San Jacinto Ave	A St to D St	Secondary Arterial	4	35,900	n/a	n/a	n/a
37	San Jacinto Ave	D St to Perris Blvd	Secondary Arterial	4	35,900	7,000	0.19	A
38	San Jacinto Ave	Perris Blvd to G St	Major Collector	2	18,000	3,500	0.20	A
39	San Jacinto Ave	G St to Redlands Blvd	Collector	2	13,000	5,500	0.42	A

**Table 4 (2 of 2)**  
**Existing (2023) Roadway Segment Daily Capacity Analysis**

ID	Roadway Segment		Existing (2023) Conditions					
	Roadway	Segment	Classification <sup>1</sup>	Lanes <sup>2</sup>	Capacity <sup>3</sup>	ADT <sup>4</sup>	V/C <sup>4</sup>	LOS <sup>4</sup>
40	San Jacinto Ave	Redlands Blvd to Wilson Ave	Major Collector	2	18,000	16,500	0.92	<b>E</b>
41	San Jacinto Ave	Wilson Ave to Evans Rd	Collector	2	13,000	13,700	1.05	<b>F</b>
42	SR-74	Ellis Ave to Navajo Rd	Secondary Arterial	4	35,900	26,400	0.74	C
43	SR-74	Navajo Rd to A St	Secondary Arterial	4	35,900	39,500	1.10	<b>F</b>
44	SR-74	A St to D St	Secondary Arterial	4	35,900	34,200	0.95	<b>E</b>
45	SR-74	D St to Perris Blvd	Secondary Arterial	4	35,900	22,100	0.62	B
46	SR-74	Perris Blvd to G St	Secondary Arterial	4	35,900	18,600	0.52	A
47	SR-74	G St to Redlands Blvd	Secondary Arterial	4	35,900	21,000	0.59	A
48	Wilson Ave	Nuevo Rd to San Jacinto Ave	Collector	2	13,000	2,700	0.21	A

Notes:

(1) Based on closest future classification available for existing roadway segment.

(2) Based on the part of the roadway segment with the fewest number of lanes.

(3) Based on maximum capacity at Level of Service E (see Table 3).

(4) ADT = Average Daily Traffic; V/C = Volume/Capacity; LOS = Level of Service

## **4. PROJECT TRIP FORECASTS**

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This section describes how project trip generation, trip distribution, and trip assignment forecasts were developed. The project trip distribution and assignment forecasts are illustrated on the figures contained in this section.

### **PROJECT TRIP GENERATION**

Table 5 shows the weekday AM peak hour, PM peak hour, and daily trip generation forecast associated with the project based on average rates obtained from the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (11th Edition, 2021) for ITE Land Use Code 220: Multifamily Housing (Low-Rise). Based on the minimum density of 30 dwelling units per acre, it is likely that many of the future residential developments within the Housing Opportunity Areas would consist of mid-rise multifamily housing (4-10 floors), which have lower trip generation rates compared to low-rise multifamily housing. Since actual development plans are not available at this time, however, this analysis conservatively uses the higher trip generation estimate associated with low-rise multifamily housing development.

As shown in Table 5, the proposed project (i.e., maximum buildout potential of the Housing Opportunity Areas) is forecast to generate approximately 36,524 daily trips, including 2,169 trips during the AM peak hour and 2,764 trips during the PM peak hour.

### **PROJECT TRIP DISTRIBUTION AND ASSIGNMENT**

Figure 4 to Figure 17 show the forecast directional distribution patterns for the project-generated trips. The project trip distribution patterns were developed using engineering judgment in consultation with City of Perris staff and are based on review of existing volume data, surrounding land uses, the local and regional roadway facilities in the project vicinity, and the future roadway network as shown in the *City of Perris General Plan Circulation Element Future Roadway Network*.

Based on the identified project trip generation and distributions, project-generated average daily traffic volumes are shown on Figure 18.

**Table 5**  
**Project Trip Generation**

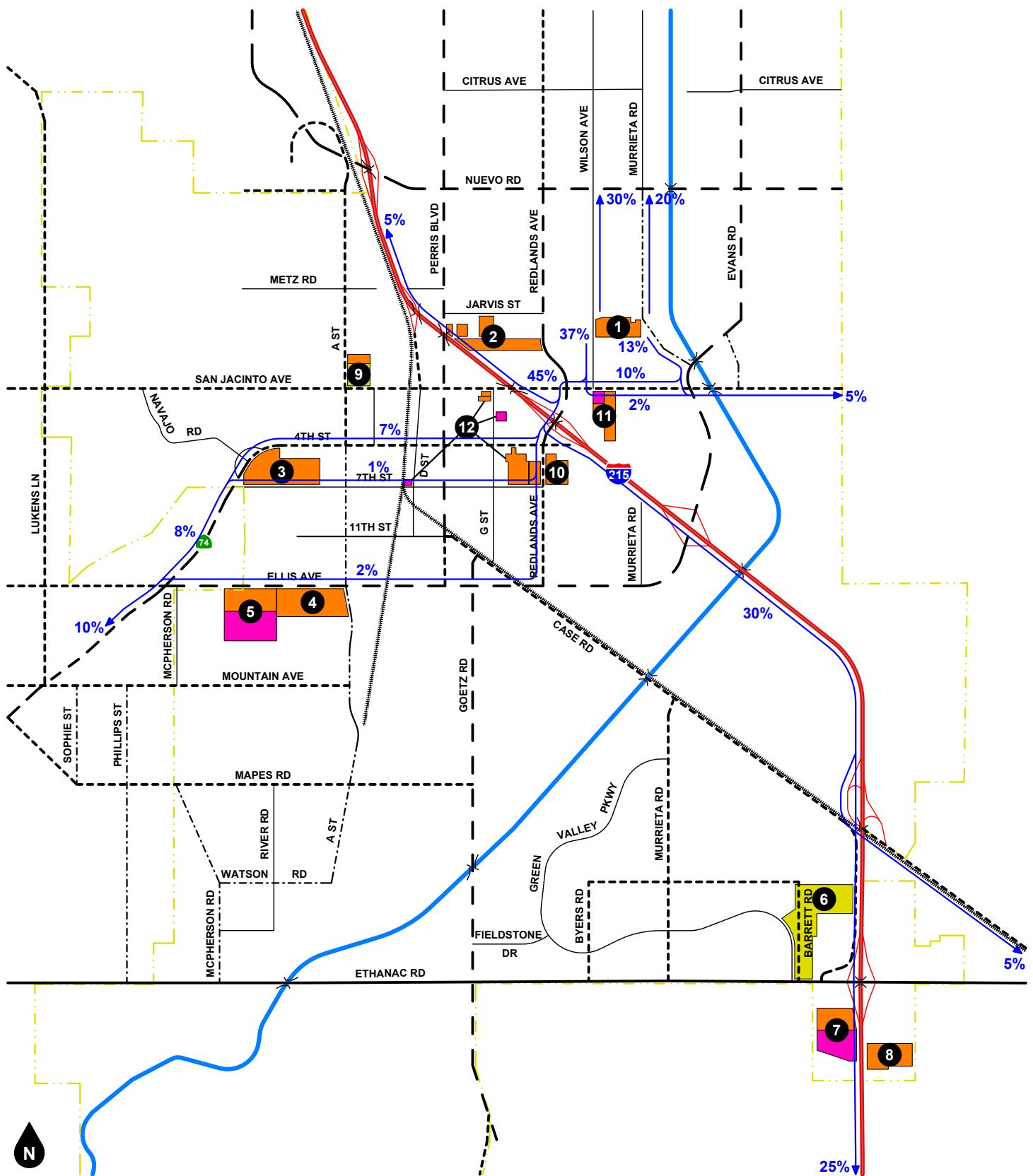
Land Use	Source <sup>1</sup>	Unit <sup>2</sup>	Trip Generation Rates						Daily	
			AM Peak Hour			PM Peak Hour				
			% In	% Out	Rate	% In	% Out	Rate		
Multifamily Housing (Low-Rise)	ITE 220	DU	24%	76%	0.40	63%	37%	0.51	6.74	

Housing Opportunity Area	Quantity	Unit <sup>2</sup>	Trips Generated						Daily	
			AM Peak Hour			PM Peak Hour				
			In	Out	Total	In	Out	Total		
Area 1	320	DU	31	97	128	103	60	163	2,157	
Area 2	537	DU	52	163	215	173	101	274	3,619	
Area 3	685	DU	66	208	274	220	129	349	4,617	
Area 4	881	DU	85	268	353	283	166	449	5,938	
Area 5	969	DU	93	295	388	311	183	494	6,531	
Area 6	542	DU	52	165	217	174	102	276	3,653	
Area 7	374	DU	36	114	150	120	71	191	2,521	
Area 8	201	DU	19	61	80	65	38	103	1,355	
Area 9	299	DU	29	91	120	96	56	152	2,015	
Area 10	130	DU	12	40	52	42	25	67	876	
Area 11	149	DU	14	45	59	48	28	76	1,004	
Area 12	332	DU	32	101	133	107	63	170	2,238	
<b>TOTAL NEW PROJECT TRIPS</b>			<b>521</b>	<b>1,648</b>	<b>2,169</b>	<b>1,742</b>	<b>1,022</b>	<b>2,764</b>	<b>36,524</b>	

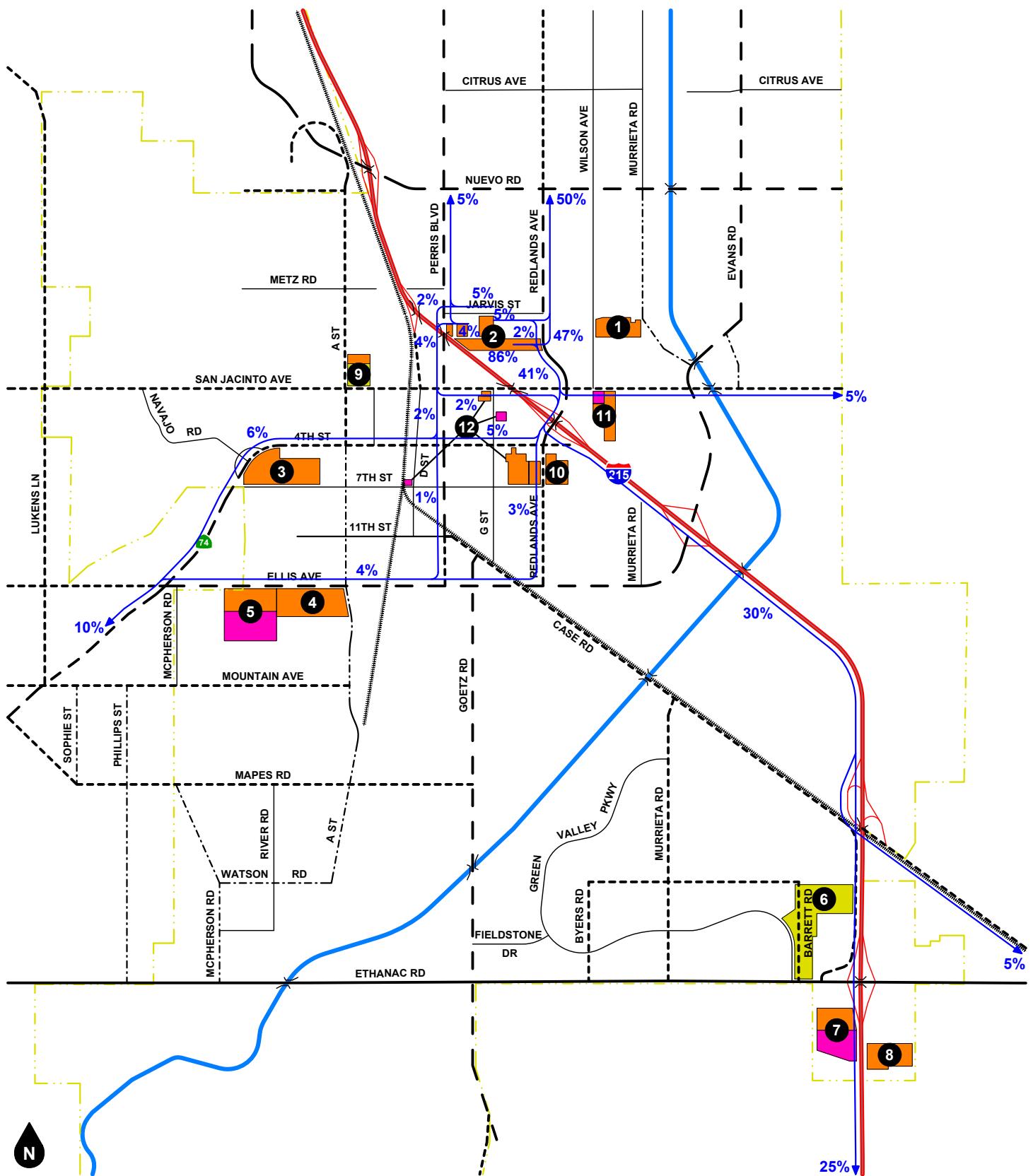
Notes:

(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); ### = Land Use Code(s).

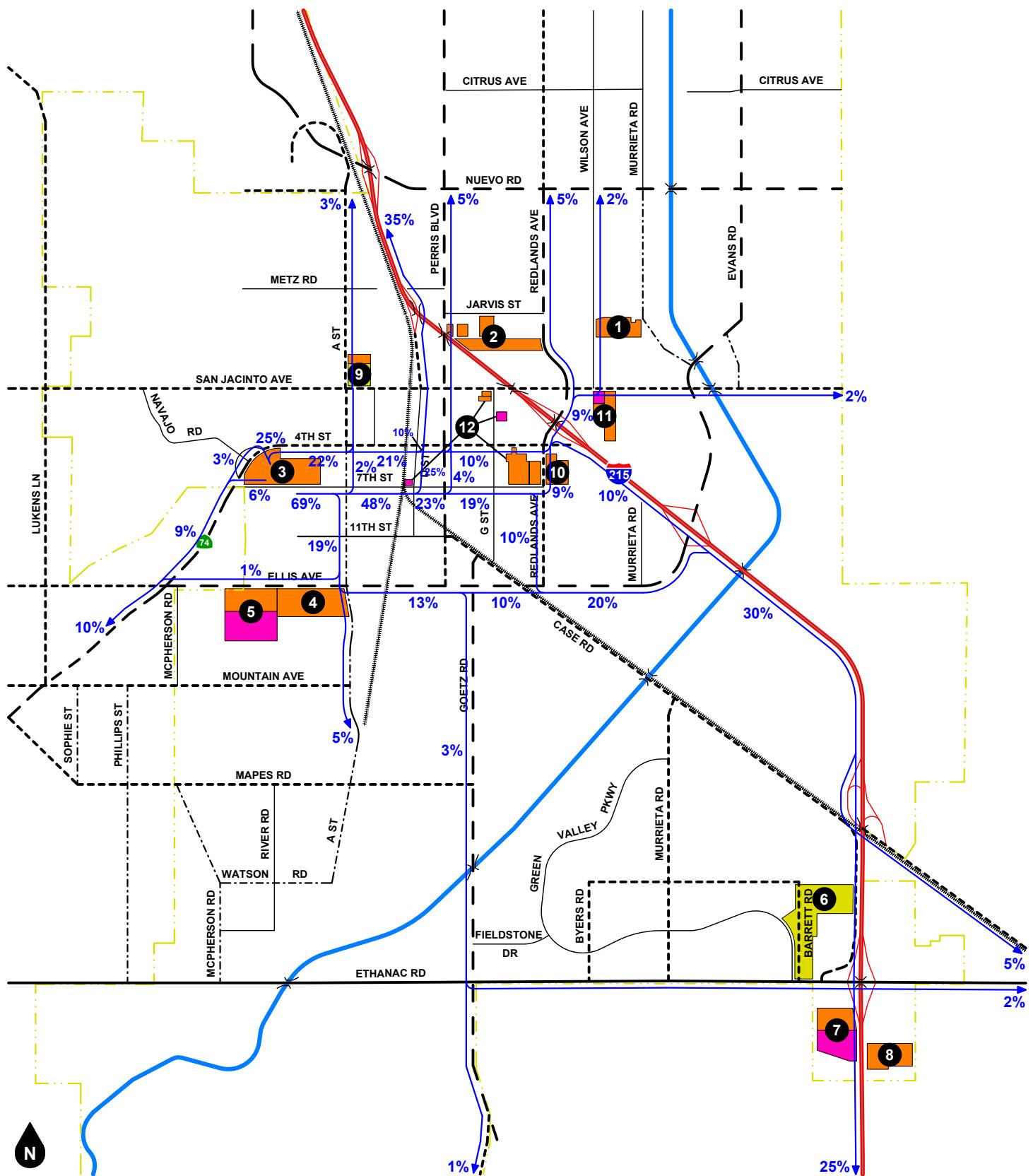
(2) DU = Dwelling Units



**Figure 4**  
**Area 1 Trip Distribution**



**Figure 5**  
**Area 2 Trip Distribution**



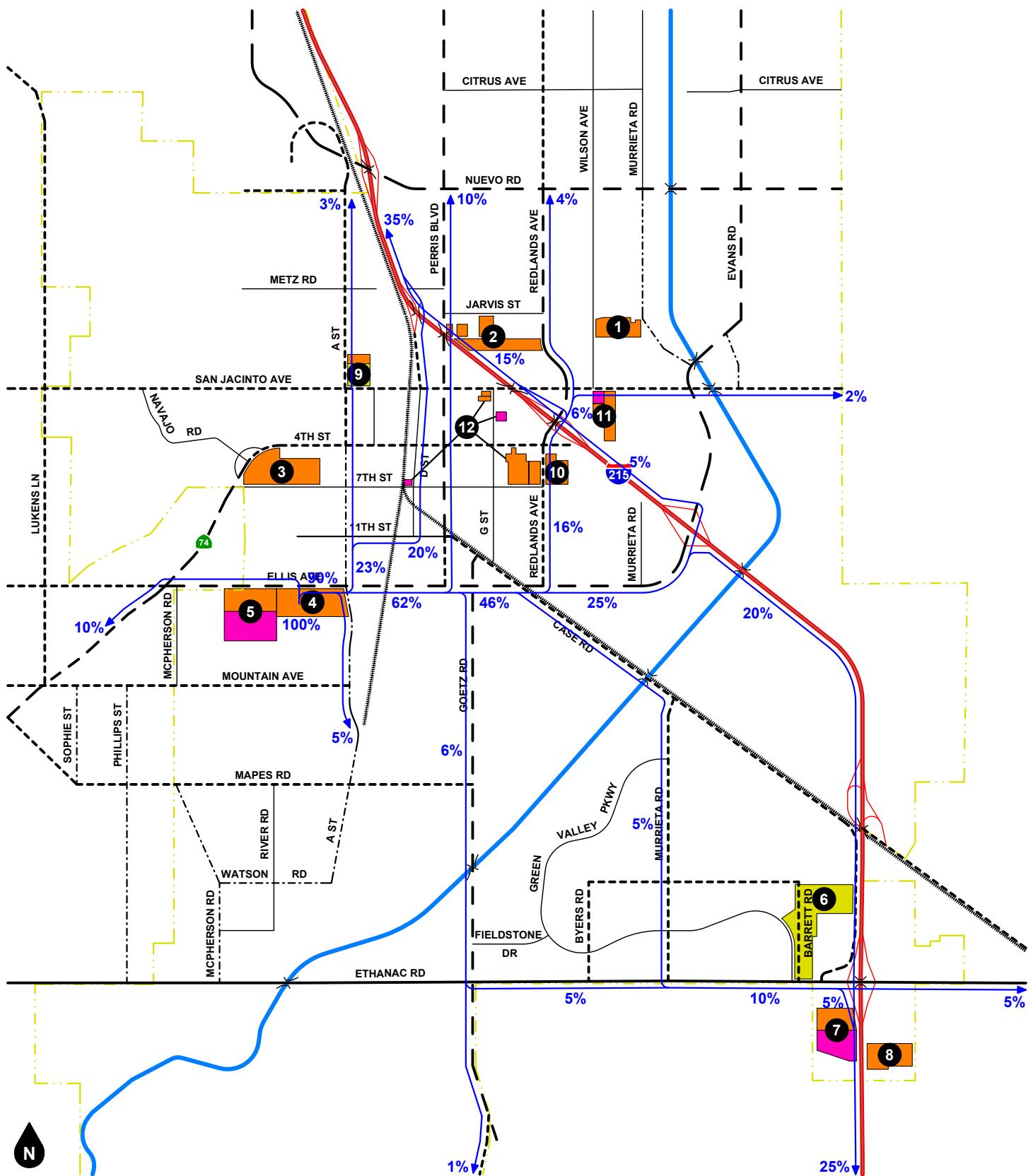
**Legend**

- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)
- Collector (66' ROW)
- Railroad
- Bridge
- Water
- City Boundary

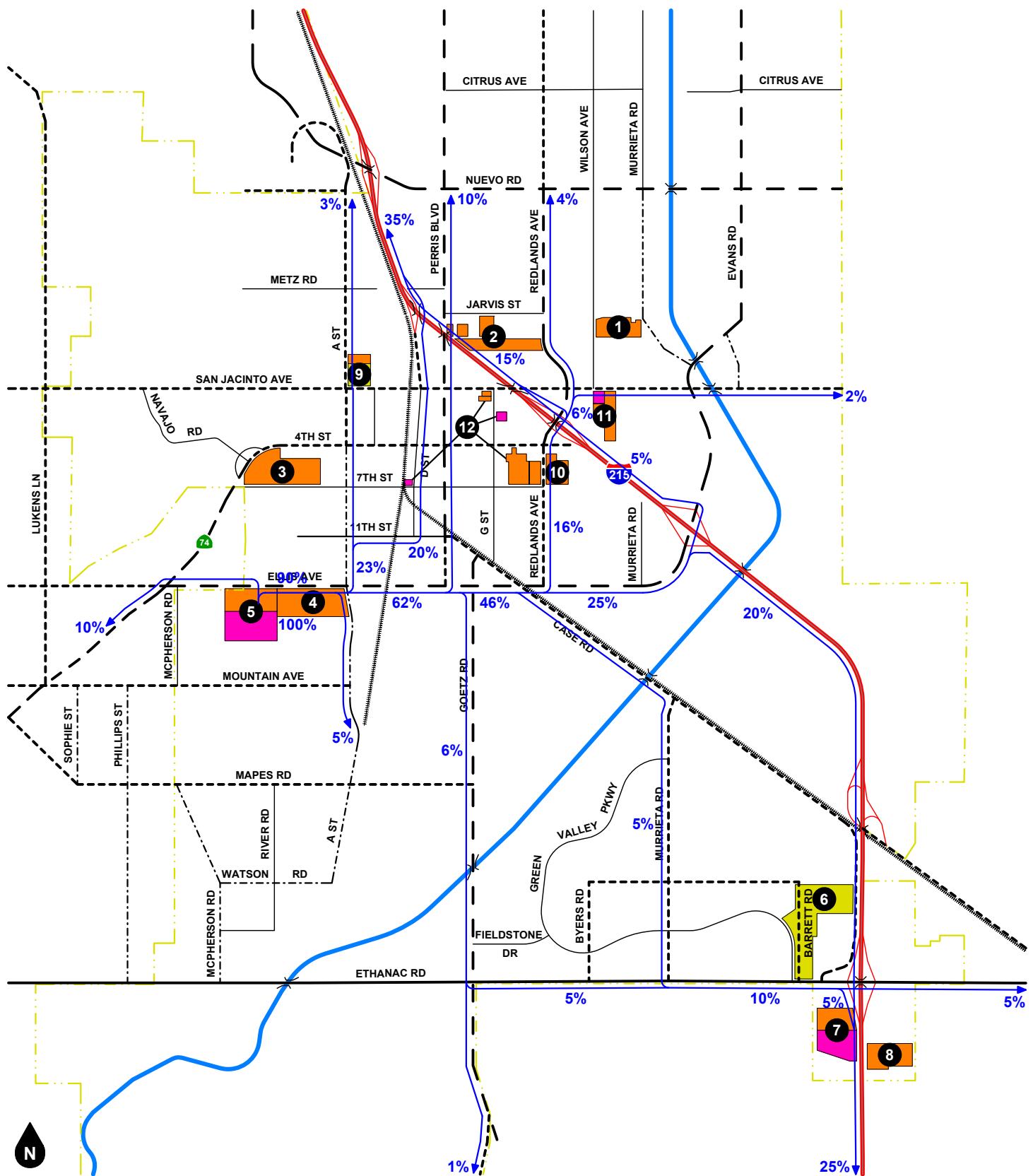
**Housing Opportunity Areas**

Lower Income	10% Percent To/From Project
Moderate Income	10% Percent To/From Project
Mixed Income	10% Percent To/From Project

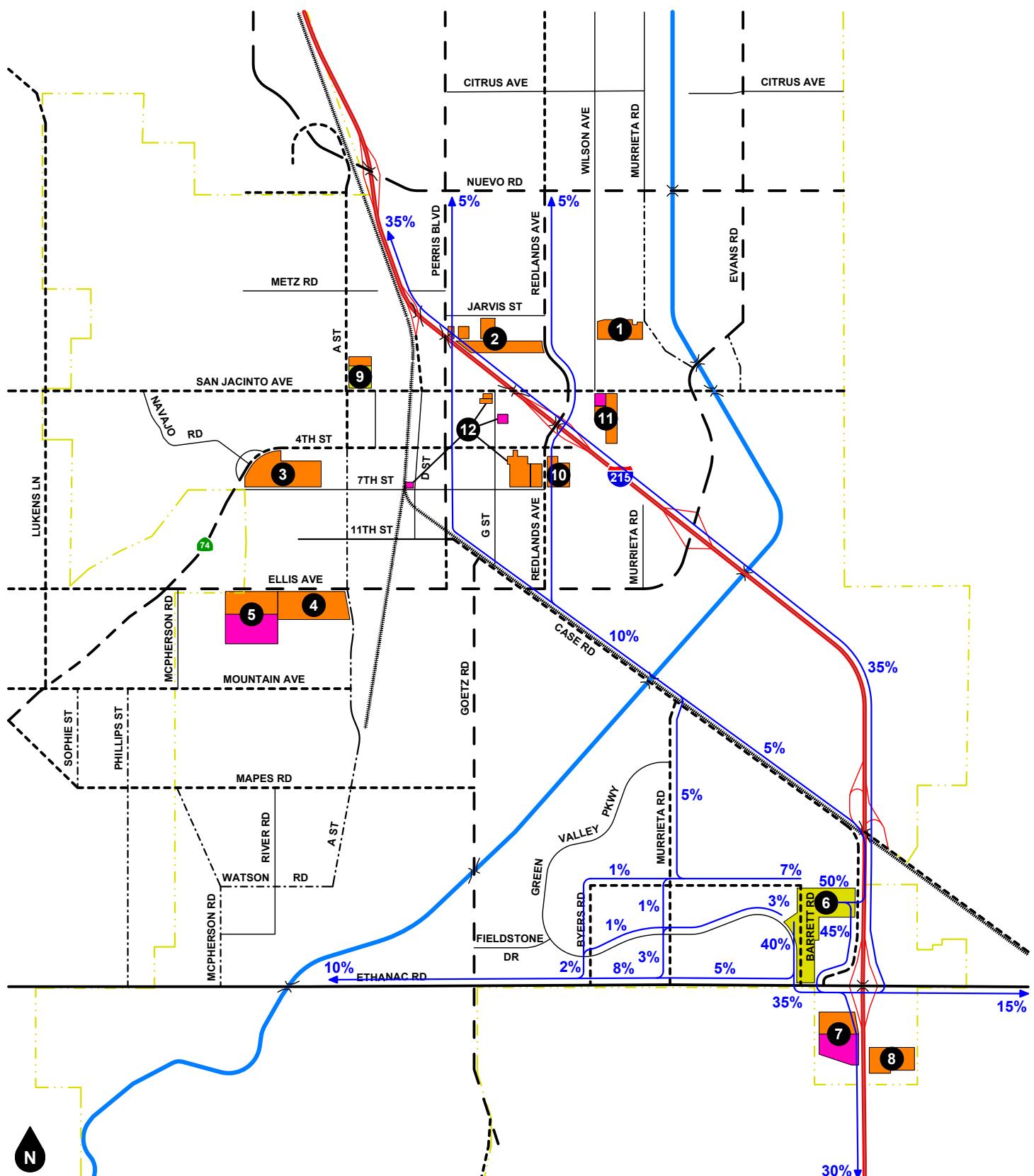
**Figure 6**  
**Area 3 Trip Distribution**



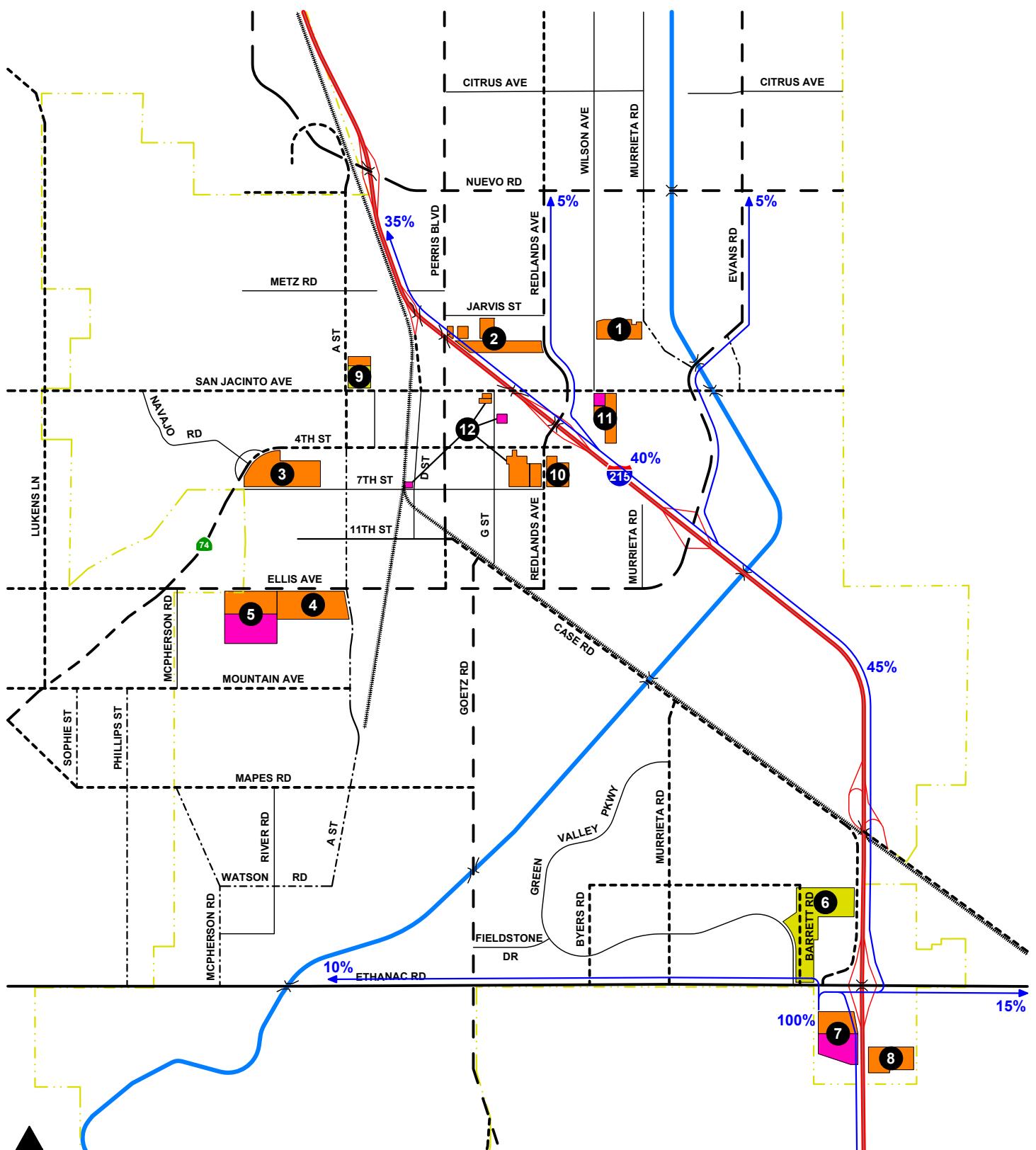
**Figure 7**  
**Area 4 Trip Distribution**



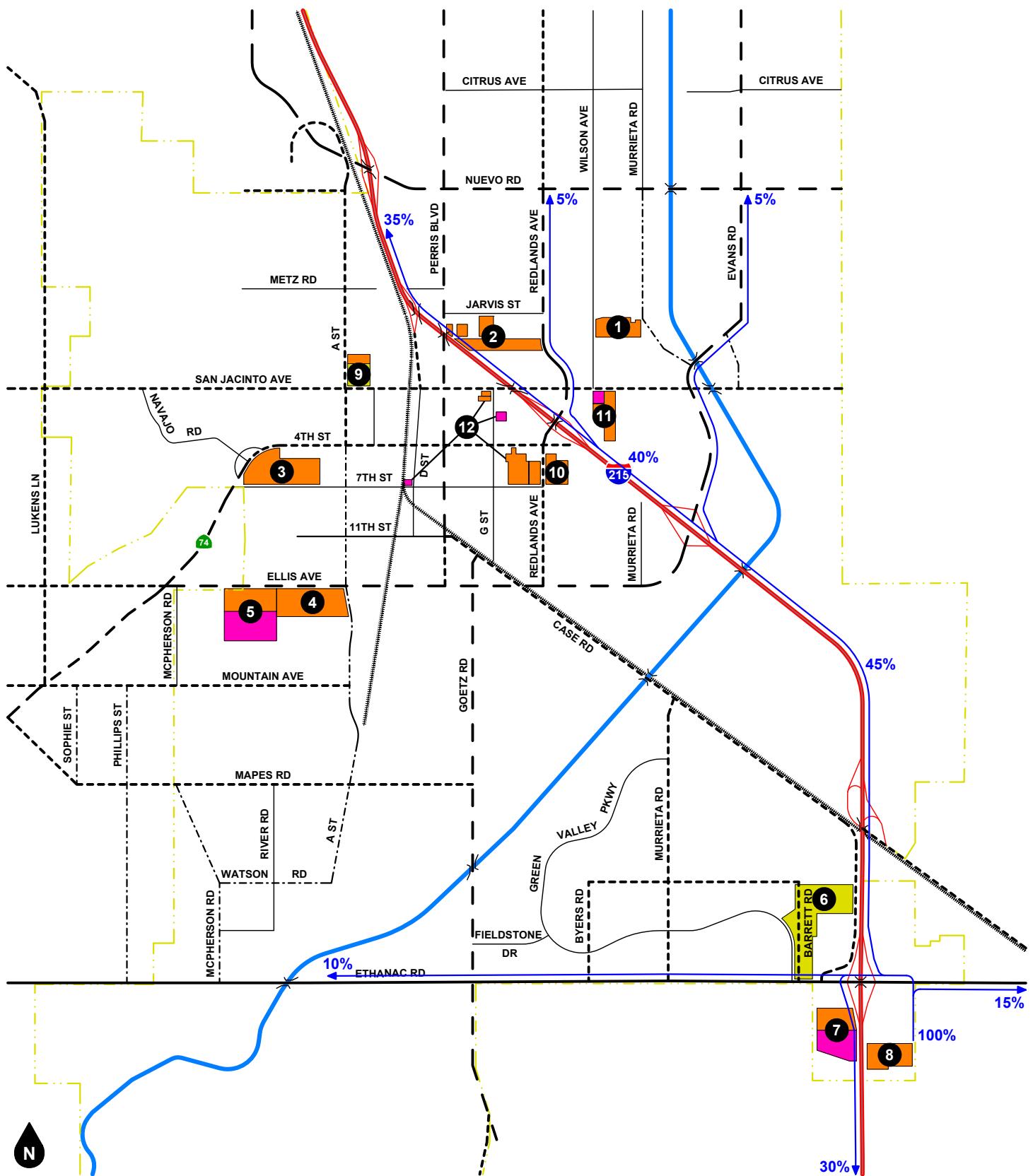
**Figure 8**  
**Area 5 Trip Distribution**



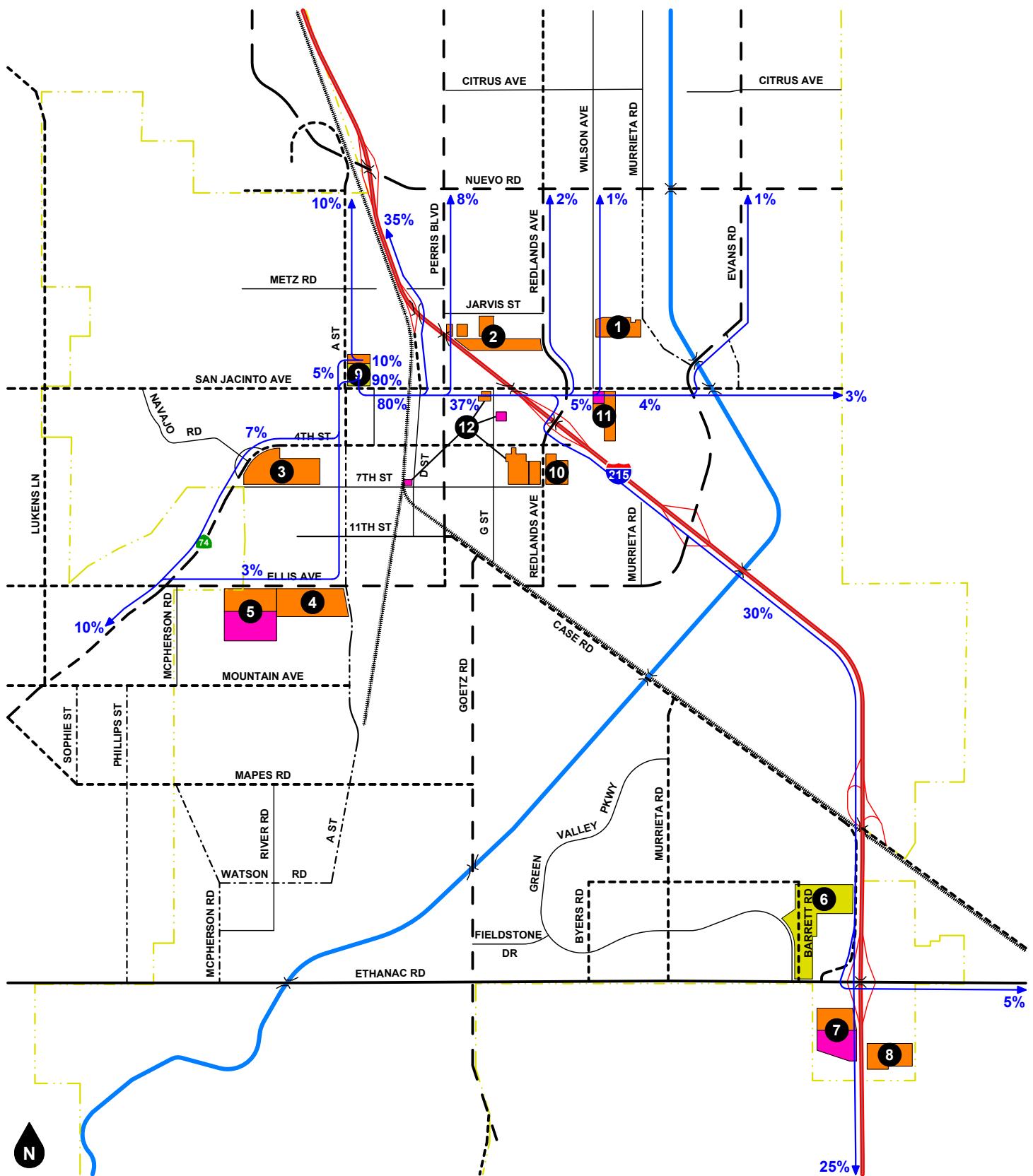
**Figure 9**  
**Area 6 Trip Distribution**



**Figure 10**  
**Area 7 Trip Distribution**



**Figure 11**  
**Area 8 Trip Distribution**



**Legend**

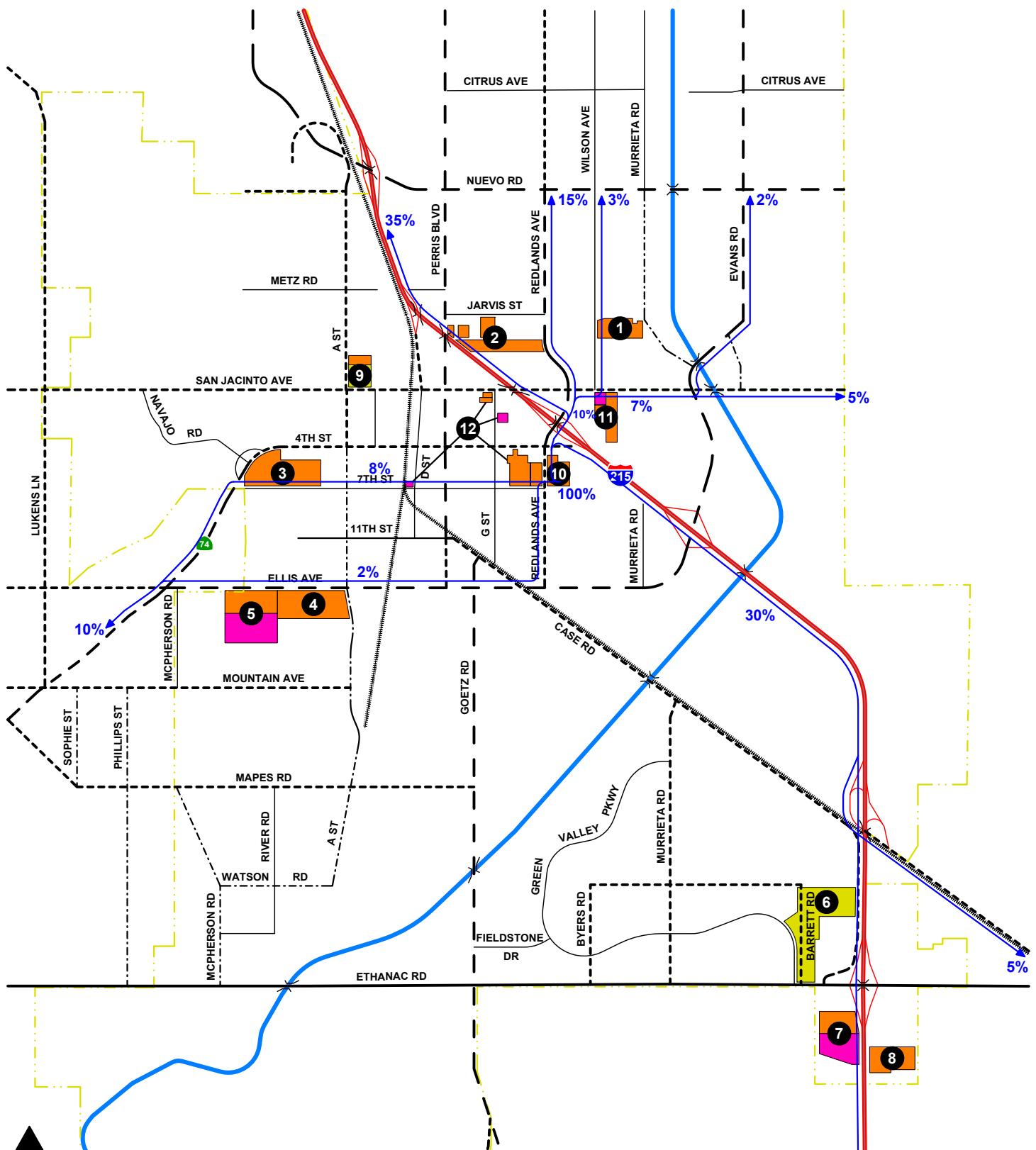
- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)

Collector (66' ROW)  
Railroad  
Bridge  
Water  
City Boundary

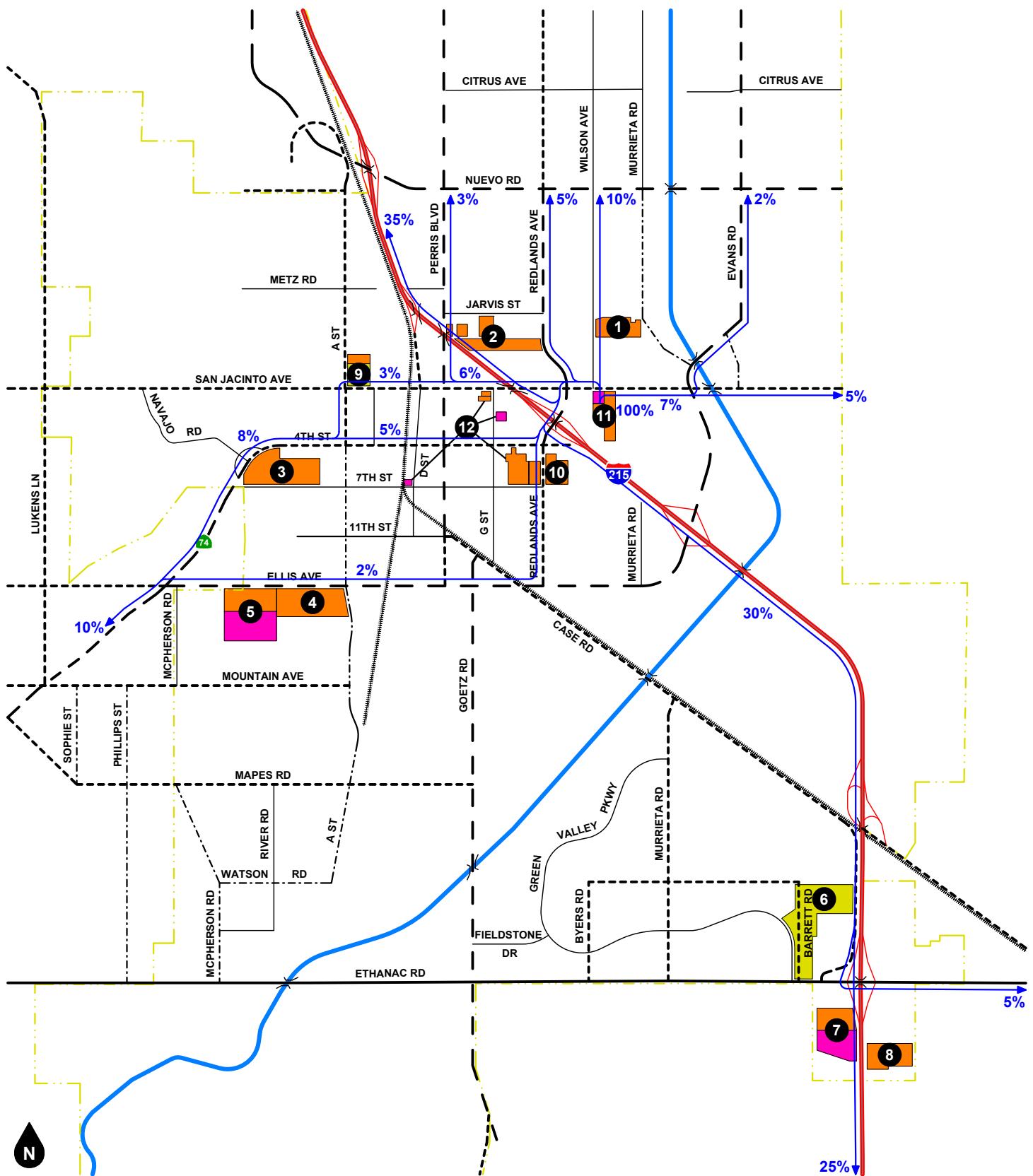
**Housing Opportunity Areas**

Lower Income	10% Percent To/From Project
Moderate Income	
Mixed Income	

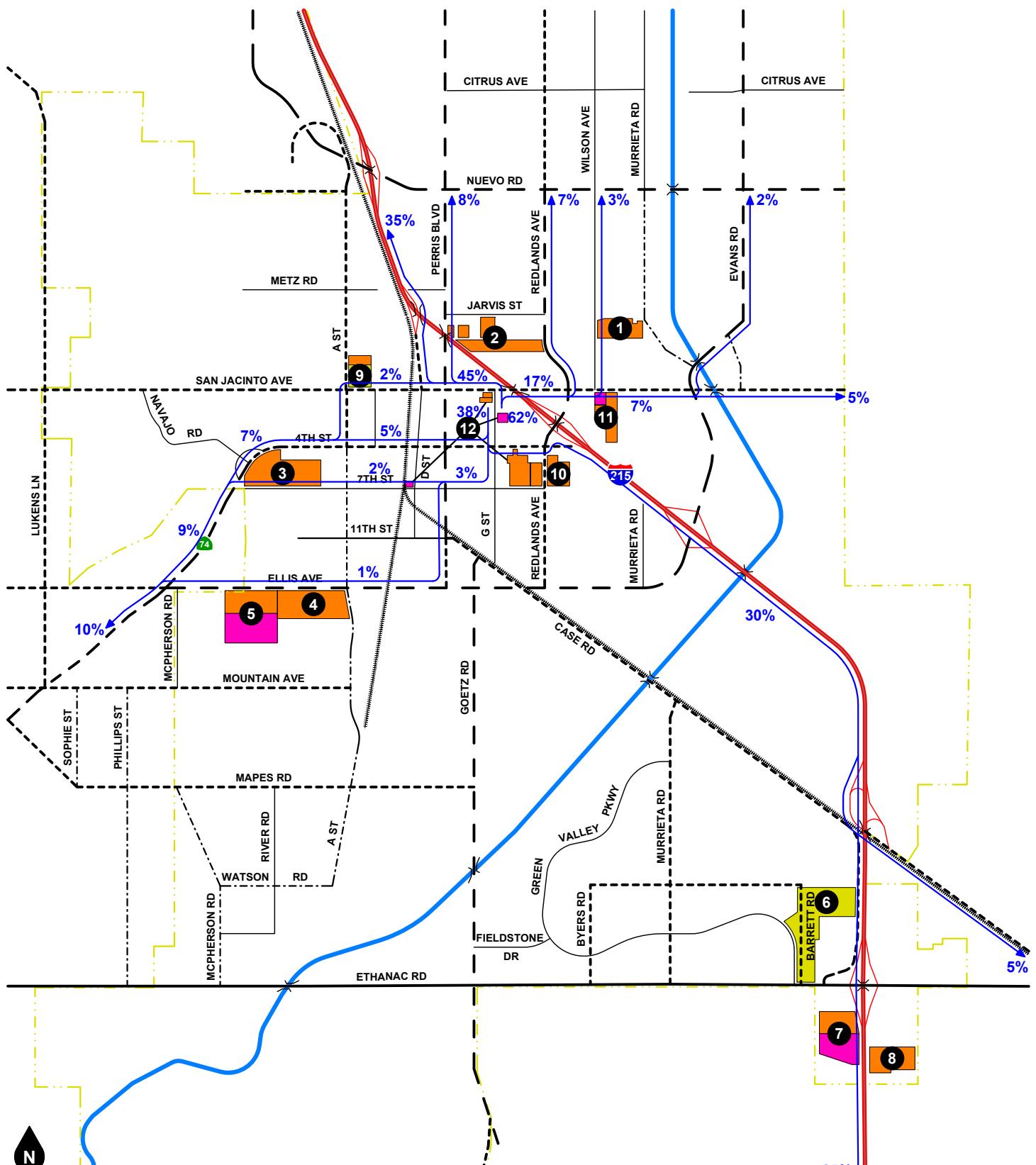
**Figure 12**  
**Area 9 Trip Distribution**



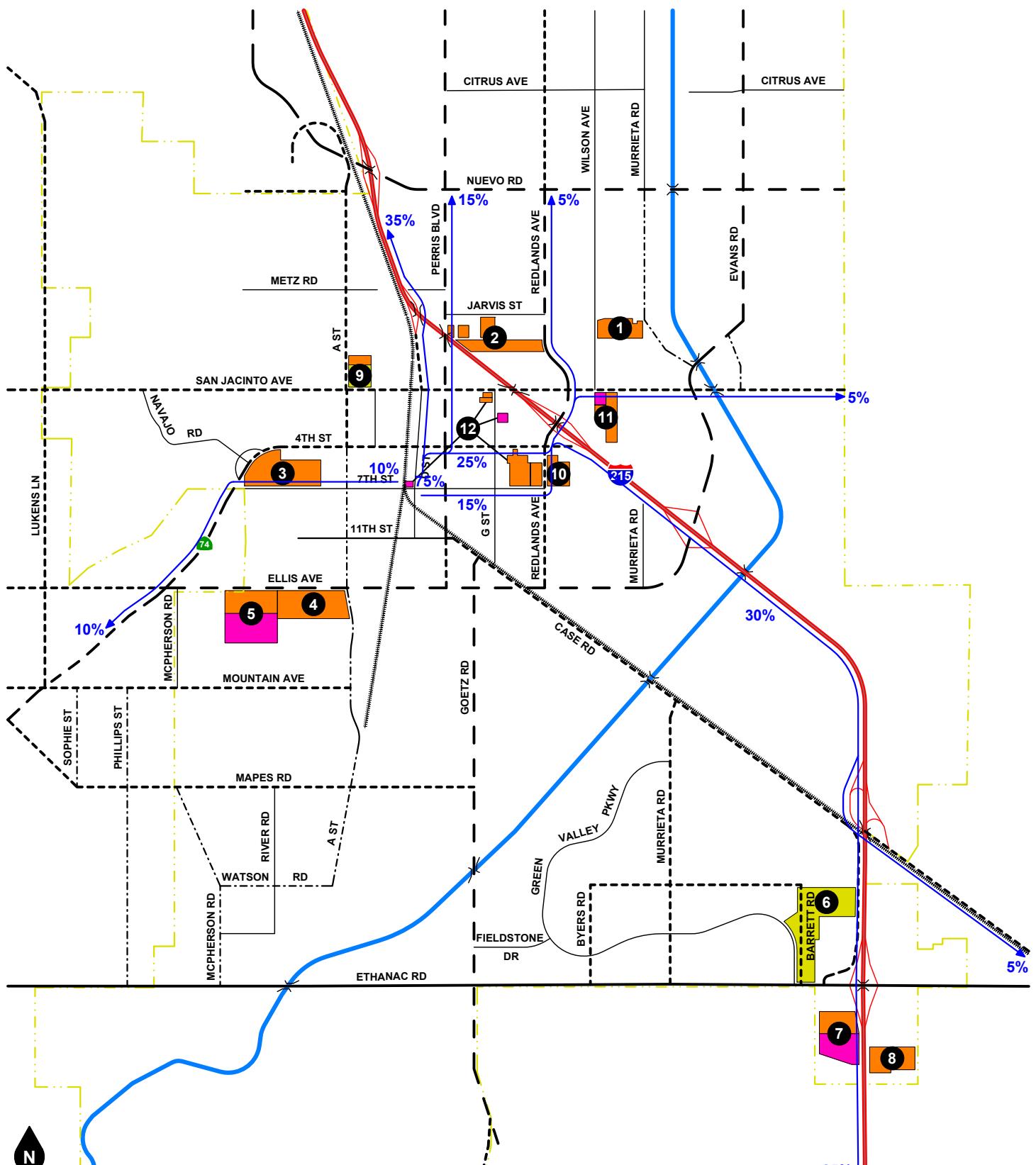
**Figure 13**  
**Area 10 Trip Distribution**



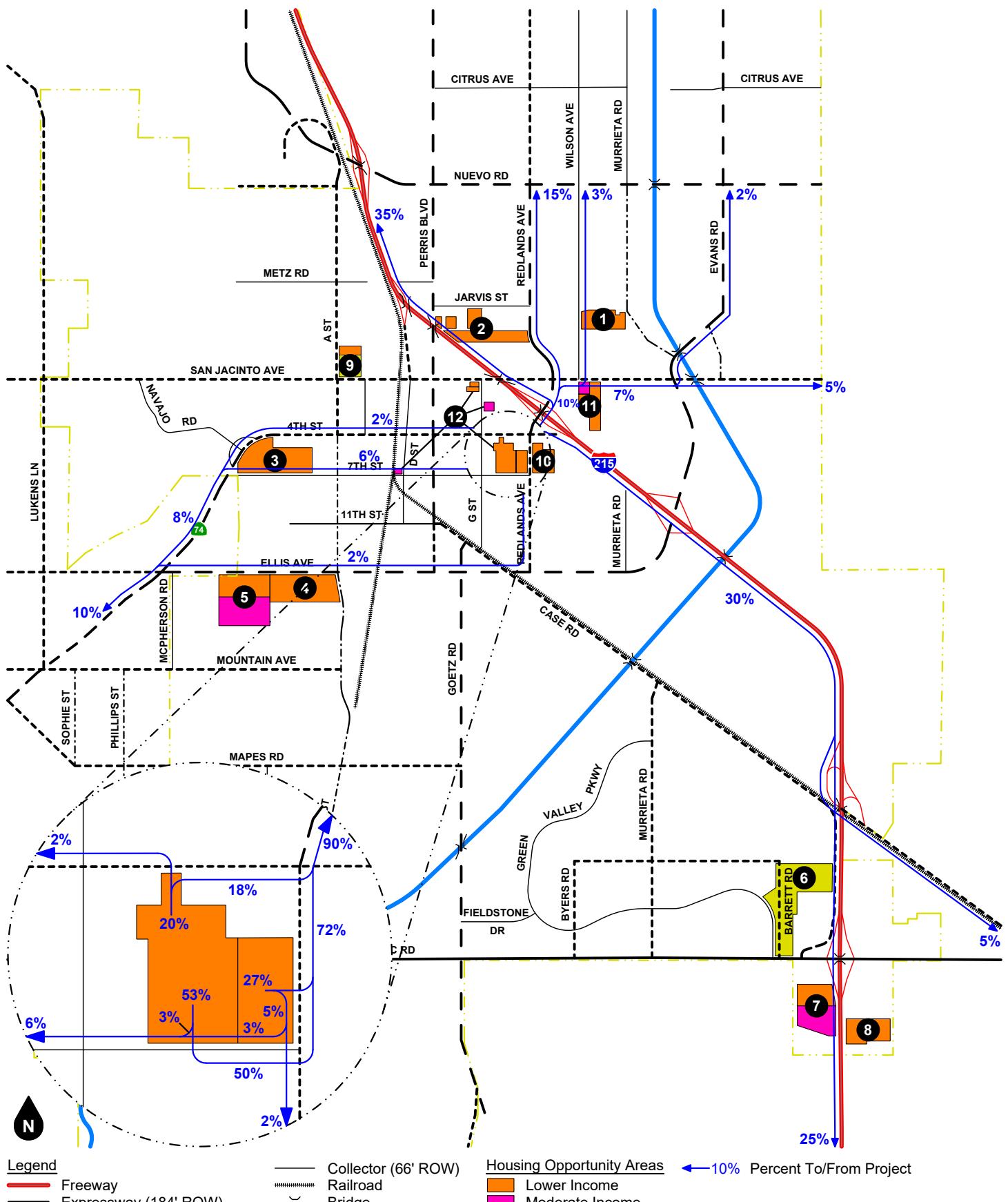
**Figure 14**  
**Area 11 Trip Distribution**



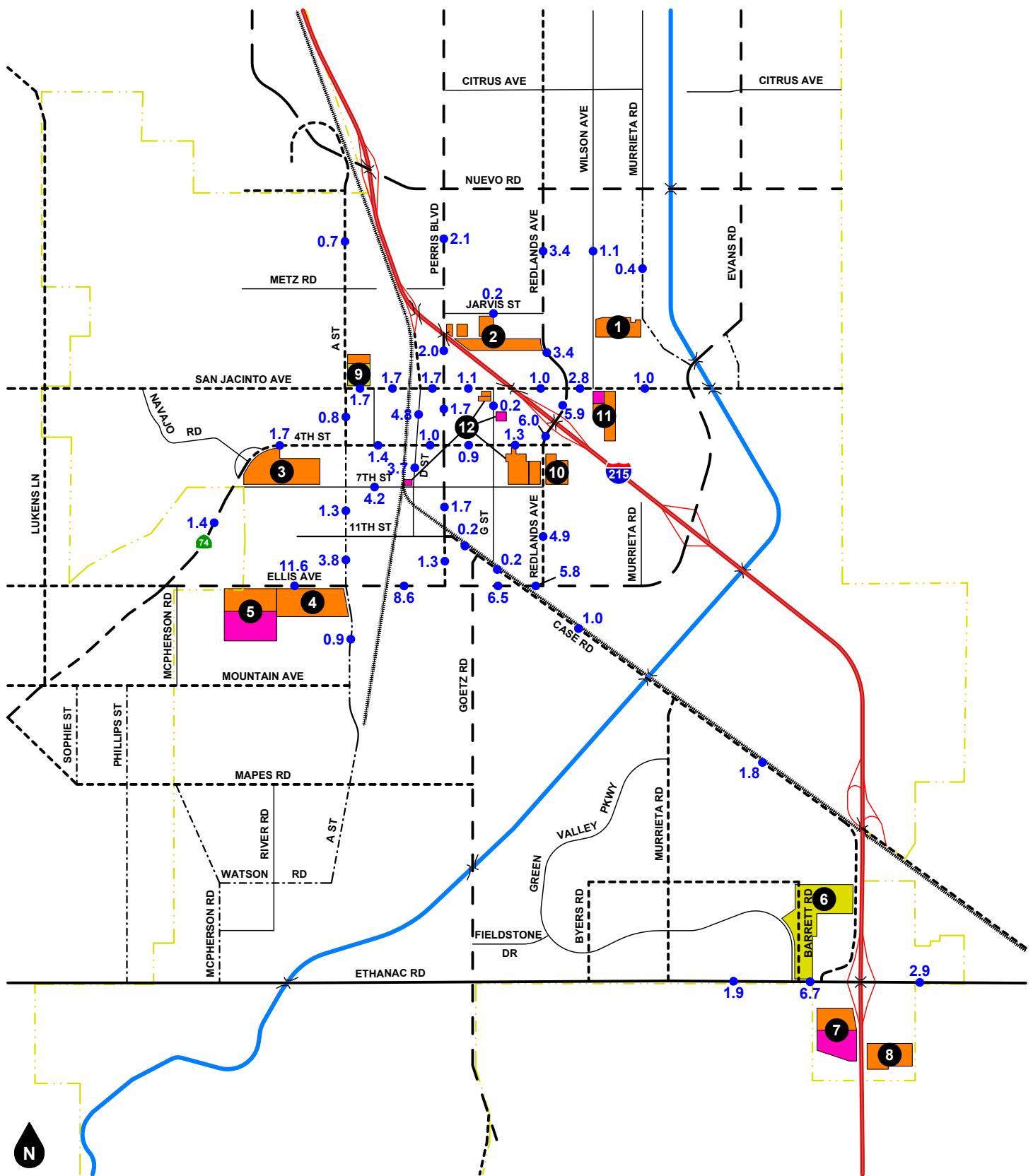
**Figure 15**  
**Area 12.1 and 12.2 Trip Distribution**



**Figure 16**  
**Area 12.3 Trip Distribution**



**Figure 17**  
**Area 12.4 to 12.7 Trip Distribution**



**Figure 18**

# City of Perris Housing Implementation Measures Transportation Study

## **5. FUTURE VOLUME FORECASTS**

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This section describes how future volume forecasts for each analysis scenario were developed. Forecast study area volumes are illustrated on figures contained in this section.

### **ANALYSIS SCENARIO VOLUME FORECASTS**

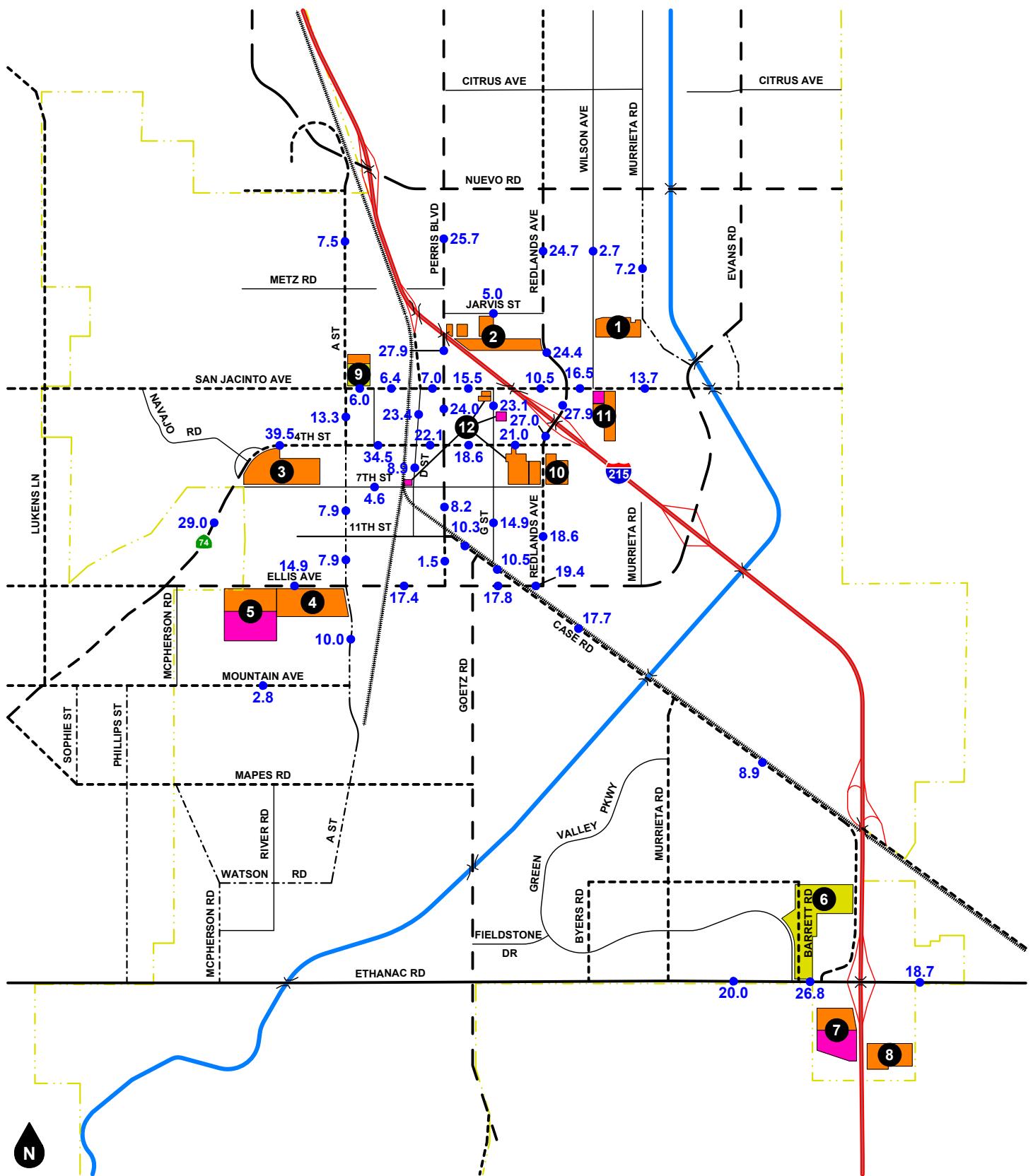
#### **General Plan Buildout (Post 2030) Without Project**

General Plan Buildout (Post 2030) Without Project average daily traffic volumes are shown on Figure 19.

The General Plan Buildout (Post 2030) Without Project average daily traffic (ADT) volumes were developed based on the currently adopted City of Perris General Plan Circulation Element (Table CE-10, Future Segment Average Daily Traffic and Level of Service). The existing daily volume counts were compared with the General Plan Buildout baseline volumes for each roadway segment to ensure that the baseline forecasts are not any lower than existing volumes. At locations where the existing roadway segment volume was greater than the future volume, the baseline volume was adjusted to reflect the existing volume.

#### **General Plan Buildout (Post 2030) With Project**

General Plan Buildout (Post 2030) With Project daily traffic volumes are shown on Figure 20. General Plan Buildout (Post 2030) With Project volume forecasts were developed by adding project-generated trips to the General Plan Buildout (Post 2030) Without Project forecast.

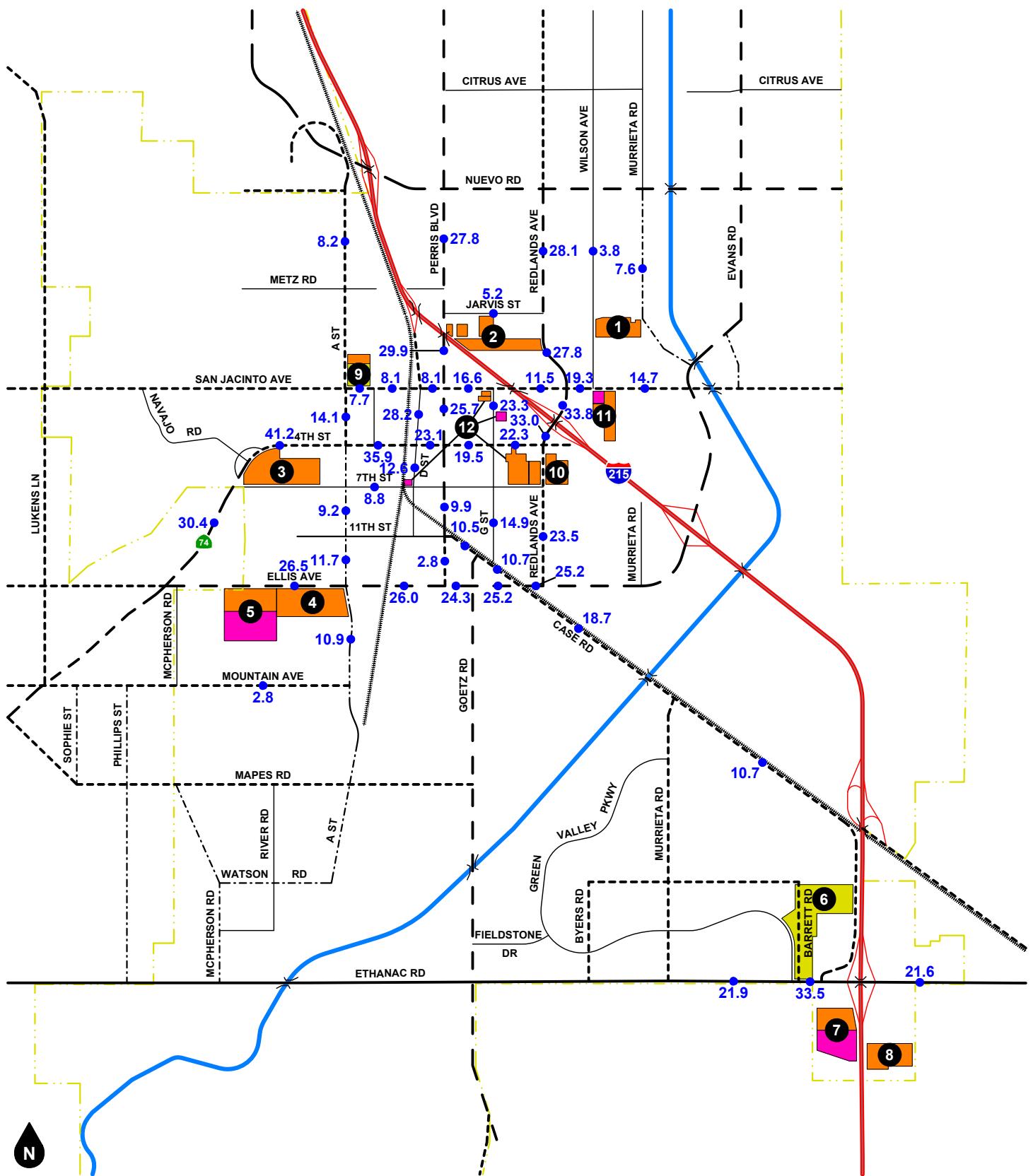


**Figure 19**

**General Plan Buildout (Post 2030)**

**Without Project Average Daily Traffic Volumes**

# City of Perris Housing Implementation Measures Transportation Study



**Figure 20**  
**General Plan Buildout (Post 2030)**  
**With Project Average Daily Traffic Volumes**

# City of Perris Housing Implementation Measures Transportation Study

## **6. FUTURE OPERATIONAL ANALYSIS**

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This section presents the results of the study roadway segment capacity analysis for General Plan Buildout (Post 2030) conditions without and with maximum buildout of the Housing Opportunity Areas.

### **ROADWAY SEGMENT ANALYSIS FOR GENERAL PLAN BUILDOUT (POST 2030) WITHOUT PROJECT**

Table 6 shows the roadway segment daily capacity analysis for General Plan Buildout (Post 2030) Without Project conditions. As shown in Table 6, the study roadway segments are projected to operate within acceptable Levels of Service (D or better) for General Plan Buildout (Post 2030) Without Project conditions, except for the following study roadway segments that are currently forecast to operate at Levels of Service E or F:

- G Street, San Jacinto Avenue to 4th Street (SR-74)
- G Street, 4th Street (SR-74) to Case Road
- SR-74, Navajo Road to A Street
- SR-74, A Street to D Street

The current City of Perris General Plan Circulation Element previously identified that these four roadway segments are projected to operate at Level of Service E or F for General Plan Buildout (Post 2030) conditions, and as a result will fall short of the City's performance standard of Level of Service D or better.

The General Plan Circulation Element states that SR-74 falls within City limits and therefore, due to right-of-way constraints, can serve at Level of Service E as indicated within the policy section under Goal 2, which identifies the downtown area as an urban development area where transit and pedestrian activity should be encouraged.

The General Plan Circulation Element also notes that G Street should be upgraded to a 4-lane Secondary Arterial wherever feasible, and Transportation Demand Measures (TDM) should be considered to improve intersection and operations where right-of-way constraints prevent upgrade.

### **ROADWAY SEGMENT ANALYSIS FOR GENERAL PLAN BUILDOUT (POST 2030) WITH PROJECT**

Table 7 shows the roadway segment daily capacity analysis for General Plan Buildout (Post 2030) With Project conditions. As shown in Table 7, the addition of project trips (i.e., maximum development of the Housing Opportunity Areas) is forecast to cause no additional study roadway segments to operate at Level of Service E or F compared to the current General Plan Circulation Element forecasts, except for the following roadway segment:

- D Street, 4th Street (SR-74) to 11th Street

Similar to the deficient segments of SR-74, Level of Service E may be considered acceptable at this segment of D Street in accordance with Goal 2 policies of the General Plan Circulation Element, which identify the downtown area as an urban development area where transit and pedestrian activity should be encouraged.

Based on the roadway segment daily capacity analysis for General Plan Buildout (Post 2030) With Project conditions, maximum buildout of the proposed Housing Opportunity Areas is forecast to require no changes to roadway classifications or additional roadway widening beyond those already identified in the City's current General Plan Circulation Element.

**Table 6 (1 of 2)**  
**General Plan Buildout (Post 2030) Without Project Roadway Segment Daily Capacity Analysis**

ID	Roadway Segment		Existing (2023)	General Plan Buildout (Post 2030) Without Project Conditions						
	Roadway	Segment		ADT <sup>1</sup>	Classification <sup>2</sup>	Lanes <sup>3</sup>	Capacity <sup>4</sup>	GP ADT <sup>5</sup>	Revised GP ADT <sup>6,7</sup>	V/C <sup>6</sup>
1	7th St	Redlands Ave to SR-74	4,100	Collector	2	13,000	4,600	4,600	0.35	A
2	A St	North of San Jacinto Ave	7,200	Secondary Arterial	4	35,900	7,500	7,500	0.21	A
3	A St	San Jacinto Ave to 4th St (SR-74)	8,400	Secondary Arterial	4	35,900	13,300	13,300	0.37	A
4	A St	4th St (SR-74) to 11th St	7,100	Major Collector	2	18,000	7,900	7,900	0.44	A
5	A St	11th St to Ellis Ave	5,500	Major Collector	2	18,000	7,900	7,900	0.44	A
6	A St	Ellis Ave to Mountain Ave	4,300	Major Collector	2	18,000	10,000	10,000	0.56	A
7	Case Rd	Perris Blvd to Goetz Rd	9,500	Secondary Arterial	4	35,900	10,300	10,300	0.29	A
8	Case Rd	Goetz Rd to Ellis Ave	9,200	Secondary Arterial	4	35,900	10,500	10,500	0.29	A
9	Case Rd	Ellis Ave to Murrieta Rd	8,600	Secondary Arterial	4	35,900	17,700	17,700	0.49	A
10	Case Rd	Murrieta Rd to I-215 Freeway	4,400	Secondary Arterial	4	35,900	8,900	8,900	0.25	A
11	D St	I-215 Freeway to 4th St (SR-74)	21,800	Secondary Arterial	4	35,900	23,400	23,400	0.65	B
12	D St	4th St (SR-74) to 11th St	4,100	Collector	2	13,000	8,900	8,900	0.68	B
13	Ellis Ave	SR-74 to A St	n/a	Arterial	6	53,900	14,900	14,900	0.28	A
14	Ellis Ave	A St to Goetz Rd	1,000	Arterial	6	53,900	17,400	17,400	0.32	A
15	Ellis Ave	Goetz Rd to Case Rd	100	Arterial	6	53,900	17,800	17,800	0.33	A
16	Ellis Ave	Case Rd to Redlands Ave	4,100	Arterial	6	53,900	19,400	19,400	0.36	A
17	Ethanac Rd	Murrieta Rd to Green Valley Pkwy	20,000	Expressway	6	61,300	16,100	20,000	0.33	A
18	Ethanac Rd	Green Valley Pkwy to I-215 Freeway	26,800	Expressway	6	61,300	17,600	26,800	0.44	A
19	Ethanac Rd	I-215 Freeway to SR-74	13,000	Expressway	6	61,300	18,700	18,700	0.31	A
20	G St	San Jacinto Ave to 4th St (SR-74)	2,700	Collector	2	13,000	23,100	23,100	1.78	F
21	G St	4th St (SR-74) to Case Rd	2,900	Collector	2	13,000	14,900	14,900	1.15	F
22	Jarvis Ave	Perris Blvd to Redlands Ave	4,400	Collector	2	13,000	5,000	5,000	0.38	A
23	Mountain Ave	McPherson Rd to A St	2,300	Secondary Arterial	4	35,900	2,800	2,800	0.08	A
24	Murrieta Rd	Nuevo Rd to Evans Rd	4,800	Major Collector	2	18,000	7,200	7,200	0.40	A
25	Perris Blvd	Nuevo Rd to East Jarvis Ave	22,400	Arterial	6	53,900	25,700	25,700	0.48	A
26	Perris Blvd	East Jarvis Ave to San Jacinto Ave	18,600	Arterial	6	53,900	27,900	27,900	0.52	A
27	Perris Blvd	San Jacinto Ave to 4th St (SR-74)	15,100	Arterial	6	53,900	24,000	24,000	0.45	A
28	Perris Blvd	4th St (SR-74) to 11th St	8,200	Arterial	6	53,900	7,000	8,200	0.15	A
29	Perris Blvd	11th St to Ellis Ave	1,500	Arterial	6	53,900		1,500	0.03	A
30	Redlands Ave	Nuevo Rd to East Jarvis Ave	12,100	Arterial	6	53,900	24,700	24,700	0.46	A
31	Redlands Ave	East Jarvis Ave to San Jacinto Ave	12,900	Arterial	6	53,900	24,400	24,400	0.45	A
32	Redlands Ave	San Jacinto Ave to I-215 Freeway	27,900	Arterial	6	53,900	24,700	27,900	0.52	A
33	Redlands Ave	I-215 Freeway to 4th St (SR-74)	27,000	Arterial	6	53,900	26,400	27,000	0.50	A
34	Redlands Ave	4th St (SR-74) to Ellis Ave	4,600	Secondary Arterial	4	35,900	18,600	18,600	0.52	A
35	San Jacinto Ave	East of A St	n/a	Secondary Arterial	4	35,900	6,000	6,000	0.17	A
36	San Jacinto Ave	A St to D St	n/a	Secondary Arterial	4	35,900	6,400	6,400	0.18	A
37	San Jacinto Ave	D St to Perris Blvd	7,000	Secondary Arterial	4	35,900	6,800	7,000	0.19	A
38	San Jacinto Ave	Perris Blvd to G St	3,500	Secondary Arterial	4	35,900	15,500	15,500	0.43	A
39	San Jacinto Ave	G St to Redlands Blvd	5,500	Secondary Arterial	4	35,900	10,500	10,500	0.29	A
40	San Jacinto Ave	Redlands Blvd to Wilson Ave	16,500	Arterial	6	53,900	3,300	16,500	0.31	A
41	San Jacinto Ave	Wilson Ave to Evans Rd	13,700	Arterial	6	53,900	6,300	13,700	0.25	A

**Table 6 (2 of 2)**  
**General Plan Buildout (Post 2030) Without Project Roadway Segment Daily Capacity Analysis**

ID	Roadway Segment		Existing (2023)	General Plan Buildout (Post 2030) Without Project Conditions						
	Roadway	Segment		ADT <sup>1</sup>	Classification <sup>2</sup>	Lanes <sup>3</sup>	Capacity <sup>4</sup>	GP ADT <sup>5</sup>	Revised GP ADT <sup>6,7</sup>	V/C <sup>6</sup>
42	SR-74	Ellis Ave to Navajo Rd	26,400	Arterial	6	53,900	29,000	29,000	0.54	A
43	SR-74	Navajo Rd to A St	39,500	Secondary Arterial	4	35,900	34,300	39,500	1.10	F
44	SR-74	A St to D St	34,200	Secondary Arterial	4	35,900	34,500	34,500	0.96	E
45	SR-74	D St to Perris Blvd	22,100	Secondary Arterial	4	35,900	22,100	22,100	0.62	B
46	SR-74	Perris Blvd to G St	18,600	Secondary Arterial	4	35,900	14,400	18,600	0.52	A
47	SR-74	G St to Redlands Blvd	21,000	Secondary Arterial	4	35,900	14,600	21,000	0.58	A
48	Wilson Ave	Nuevo Rd to San Jacinto Ave	2,700	Collector	2	13,000	500	2,700	0.21	A

Notes:

(1) See Table 4.

(2) Based on closest future classification available for existing roadway segment.

(3) Based on future number of lanes per General Plan Circulation Element designation.

(4) Based on maximum capacity at Level of Service E (see Table 3).

(5) GP ADT = Current General Plan Buildout ADT per Table CE-10 of the City of Perris General Plan

(6) ADT = Average Daily Traffic; V/C = Volume/Capacity; LOS = Level of Service

(7) Revised GP ADT is based on the greater of GP ADT from the City of Perris General Plan or existing daily volume count.

**Table 7 (1 of 2)**  
**General Plan Buildout (Post 2030) With Project Roadway Segment Daily Capacity Analysis**

ID	Roadway Segment		General Plan Buildout (Post 2030) With Project Conditions					
	Roadway	Segment	Classification <sup>1</sup>	Lanes <sup>2</sup>	Capacity <sup>3</sup>	ADT <sup>4,5</sup>	V/C <sup>4</sup>	LOS <sup>4</sup>
1	7th St	Redlands Ave to SR-74	Collector	2	13,000	8,800	0.68	B
2	A St	North of San Jacinto Ave	Secondary Arterial	4	35,900	8,200	0.23	A
3	A St	San Jacinto Ave to 4th St (SR-74)	Secondary Arterial	4	35,900	14,100	0.39	A
4	A St	4th St (SR-74) to 11th St	Major Collector	2	18,000	9,200	0.51	A
5	A St	11th St to Ellis Ave	Major Collector	2	18,000	11,700	0.65	B
6	A St	Ellis Ave to Mountain Ave	Major Collector	2	18,000	10,900	0.61	B
7	Case Rd	Perris Blvd to Goetz Rd	Secondary Arterial	4	35,900	10,500	0.29	A
8	Case Rd	Goetz Rd to Ellis Ave	Secondary Arterial	4	35,900	10,700	0.30	A
9	Case Rd	Ellis Ave to Murrieta Rd	Secondary Arterial	4	35,900	18,700	0.52	A
10	Case Rd	Murrieta Rd to I-215 Freeway	Secondary Arterial	4	35,900	10,700	0.30	A
11	D St	I-215 Freeway to 4th St (SR-74)	Secondary Arterial	4	35,900	28,200	0.79	C
12	D St	4th St (SR-74) to 11th St	Collector	2	13,000	12,600	0.97	<b>E</b>
13	Ellis Ave	SR-74 to A St	Arterial	6	53,900	26,500	0.49	A
14	Ellis Ave	A St to Goetz Rd	Arterial	6	53,900	26,000	0.48	A
15	Ellis Ave	Goetz Rd to Case Rd	Arterial	6	53,900	24,300	0.45	A
16	Ellis Ave	Case Rd to Redlands Ave	Arterial	6	53,900	25,200	0.47	A
17	Ethanac Rd	Murrieta Rd to Green Valley Pkwy	Expressway	6	61,300	21,900	0.36	A
18	Ethanac Rd	Green Valley Pkwy to I-215 Freeway	Expressway	6	61,300	33,500	0.55	A
19	Ethanac Rd	I-215 Freeway to SR-74	Expressway	6	61,300	21,600	0.35	A
20	G St	San Jacinto Ave to 4th St (SR-74)	Collector	2	13,000	23,300	1.79	<b>F</b>
			Secondary Arterial	4	35,900	23,300	0.65	B
21	G St	4th St (SR-74) to Case Rd	Collector	2	13,000	14,900	1.15	<b>F</b>
			Secondary Arterial	4	35,900	14,900	0.42	A
22	Jarvis Ave	Perris Blvd to Redlands Ave	Collector	2	13,000	5,200	0.40	A
23	Mountain Ave	McPherson Rd to A St	Secondary Arterial	4	35,900	2,800	0.08	A
24	Murrieta Rd	Nuevo Rd to Evans Rd	Major Collector	2	18,000	7,600	0.42	A
25	Perris Blvd	Nuevo Rd to East Jarvis Ave	Arterial	6	53,900	27,800	0.52	A
26	Perris Blvd	East Jarvis Ave to San Jacinto Ave	Arterial	6	53,900	29,900	0.55	A
27	Perris Blvd	San Jacinto Ave to 4th St (SR-74)	Arterial	6	53,900	25,700	0.48	A
28	Perris Blvd	4th St (SR-74) to 11th St	Arterial	6	53,900	9,900	0.18	A
29	Perris Blvd	11th St to Ellis Ave	Arterial	6	53,900	2,800	0.05	A
30	Redlands Ave	Nuevo Rd to East Jarvis Ave	Arterial	6	53,900	28,100	0.52	A
31	Redlands Ave	East Jarvis Ave to San Jacinto Ave	Arterial	6	53,900	27,800	0.52	A
32	Redlands Ave	San Jacinto Ave to I-215 Freeway	Arterial	6	53,900	33,800	0.63	B
33	Redlands Ave	I-215 Freeway to 4th St (SR-74)	Arterial	6	53,900	33,000	0.61	B
34	Redlands Ave	4th St (SR-74) to Ellis Ave	Secondary Arterial	4	35,900	23,500	0.65	B
35	San Jacinto Ave	East of A St	Secondary Arterial	4	35,900	7,700	0.21	A
36	San Jacinto Ave	A St to D St	Secondary Arterial	4	35,900	8,100	0.23	A
37	San Jacinto Ave	D St to Perris Blvd	Secondary Arterial	4	35,900	8,100	0.23	A

**Table 7 (2 of 2)**  
**General Plan Buildout (Post 2030) With Project Roadway Segment Daily Capacity Analysis**

ID	Roadway Segment		General Plan Buildout (Post 2030) With Project Conditions					
	Roadway	Segment	Classification <sup>1</sup>	Lanes <sup>2</sup>	Capacity <sup>3</sup>	ADT <sup>4,5</sup>	V/C <sup>4</sup>	LOS <sup>4</sup>
38	San Jacinto Ave	Perris Blvd to G St	Secondary Arterial	4	35,900	16,600	0.46	A
39	San Jacinto Ave	G St to Redlands Blvd	Secondary Arterial	4	35,900	11,500	0.32	A
40	San Jacinto Ave	Redlands Blvd to Wilson Ave	Arterial	6	53,900	19,300	0.36	A
41	San Jacinto Ave	Wilson Ave to Evans Rd	Arterial	6	53,900	14,700	0.27	A
42	SR-74	Ellis Ave to Navajo Rd	Arterial	6	53,900	30,400	0.56	A
43	SR-74	Navajo Rd to A St	Secondary Arterial	4	35,900	41,200	1.15	<b>F</b>
44	SR-74	A St to D St	Secondary Arterial	4	35,900	35,900	1.00	<b>E</b>
45	SR-74	D St to Perris Blvd	Secondary Arterial	4	35,900	23,100	0.64	B
46	SR-74	Perris Blvd to G St	Secondary Arterial	4	35,900	19,500	0.54	A
47	SR-74	G St to Redlands Blvd	Secondary Arterial	4	35,900	22,300	0.62	B
48	Wilson Ave	Nuevo Rd to San Jacinto Ave	Collector	2	13,000	3,800	0.29	A

Notes:

- (1) Based on closest future classification available for existing roadway segment.
- (2) Based on future number of lanes per General Plan Circulation Element designation.
- (3) Based on maximum capacity at Level of Service E (see Table 3).
- (4) ADT = Average Daily Traffic; V/C = Volume/Capacity; LOS = Level of Service
- (5) Future ADT is based on the greater future ADT in Table CE-10 of the City of Perris General Plan Circulation Element or existing d:

## **7. CONCLUSIONS**

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This section summarizes the findings and recommended improvements (if any) identified in previous sections of this study.

### **PROJECT TRIP GENERATION**

The proposed project (i.e., maximum buildout potential of the Housing Opportunity Areas) is forecast to generate approximately 36,524 daily trips, including 2,169 trips during the AM peak hour and 2,764 trips during the PM peak hour.

### **GENERAL PLAN BUILDOUT ROADWAY SEGMENT CAPACITY ANALYSIS**

The study roadway segments are projected to operate within acceptable Levels of Service (D or better) for General Plan Buildout (Post 2030) Without Project conditions, except for the following study roadway segments that are currently forecast to operate at Levels of Service E or F:

- G Street, San Jacinto Avenue to 4th Street (SR-74)
- G Street, 4th Street (SR-74) to Case Road
- SR-74, Navajo Road to A Street
- SR-74, A Street to D Street

The current City of Perris General Plan Circulation Element previously identified that these four roadway segments are projected to operate at Level of Service E or F for General Plan Buildout (Post 2030) Without Project conditions, and as a result will fall short of the City's performance standard of Level of Service D or better.

The General Plan Circulation Element states that SR-74 falls within City limits and therefore, due to right-of-way constraints, can serve at Level of Service E as indicated within the policy section under Goal 2, which identifies the downtown area as an urban development area where transit and pedestrian activity should be encouraged.

The General Plan Circulation Element also notes that G Street should be upgraded to a 4-lane Secondary Arterial wherever feasible, and Transportation Demand Measures (TDM) should be considered to improve intersection and operations where right-of-way constraints prevent upgrade.

the addition of project trips (i.e., maximum development of the Housing Opportunity Areas) is forecast to cause no additional study roadway segments to operate at Level of Service E or F compared to the current General Plan Circulation Element forecasts, except for the following roadway segment:

- D Street, 4th Street (SR-74) to 11th Street

Similar to the deficient segments of SR-74, Level of Service E may be considered acceptable at this segment of D Street in accordance with Goal 2 policies of the General Plan Circulation Element, which identify the downtown area as an urban development area where transit and pedestrian activity should be encouraged.

Based on the roadway segment daily capacity analysis for General Plan Buildout (Post 2030) With Project conditions, maximum buildout of the proposed Housing Opportunity Areas is forecast to require no changes to roadway classifications or additional roadway widening beyond those already identified in the City's current General Plan Circulation Element.

## **RECOMMENDATION**

While this analysis demonstrates that implementation of the overall Housing Overlay is not forecast to necessitate changes to the roadway classifications in the City of Perris General Plan Circulation Element, individual development proposals within the Housing Opportunity Areas should be required to review trip generation and determine the need and extent of site-specific evaluation in consultation with City of Perris staff.

## **APPENDICES**

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Appendix A Glossary

Appendix B Scoping Agreement

Appendix C Volume Count Worksheets

## **APPENDIX A**

### **GLOSSARY**

## **ACRONYMS**

<b>AC</b>	Acres
<b>ADT</b>	Average Daily Traffic
<b>Caltrans</b>	California Department of Transportation
<b>DU</b>	Dwelling Unit
<b>ICU</b>	Intersection Capacity Utilization
<b>GFA</b>	Gross Floor Area
<b>LOS</b>	Level of Service
<b>PCE</b>	Passenger Car Equivalent
<b>SP</b>	Service Population
<b>TSF</b>	Thousand Square Feet
<b>V/C</b>	Volume/Capacity
<b>VMT</b>	Vehicle Miles Traveled

## **TERMS**

**ACTUATED SIGNAL CONTROL:** A type of traffic signal control in which display of each phase depends on whether the corresponding phase detector has registered a service call or the phase is on recall.

**ACTUATION:** Detection of a roadway user that is forwarded to the signal controller.

**AVERAGE DAILY TRAFFIC:** The average 24-hour volume for a stated period divided by the number of days in that period. For example, Annual Average Daily Traffic is the total volume during a year divided by 365 days.

**BANDWIDTH:** The number of seconds of green time available for through traffic in a signal progression.

**BOTTLENECK:** A point of constriction along a roadway that limits the amount of traffic that can proceed downstream from its location.

**CALL:** An indication within a signal controller that a particular phase is waiting for service, either through actuation from a roadway user or phase recall.

**CAPACITY:** The maximum number of vehicles that can be reasonably expected to pass through a roadway facility during a specified period.

**CHANNELIZATION:** The separation of conflicting traffic movements by use of pavement markings, raised curbs, or other suitable means to facilitate free flow movement.

**CLEARANCE INTERVAL:** Equal to the yellow plus all-red time, if any, when a traffic signal changes between phases (i.e., the amount of time between the end of a green light from one movement to the beginning of a green light for the next).

**COORDINATED SIGNAL CONTROL:** A type of traffic signal control in which non-coordinated phases associated with minor movements are constrained such that the coordinated phases are served at a specific time during the signal cycle, thus maintaining the efficient progression of traffic flow along the major roadway.

**CONTROL DELAY:** The portion of delay attributed to the intersection traffic control (such as a traffic signal or stop sign). It includes initial deceleration, queue move-up time, stopped delay, and final acceleration delay.

**CORDON:** An imaginary boundary line around or across a study area across which vehicles, persons, or other information can be collected for survey and analytical purposes.

**CORNER SIGHT DISTANCE:** The minimum sight distance required by the driver of a vehicle to cross or enter the lanes of the major roadway without requiring approaching traffic traveling at a given speed to radically alter their speed or trajectory.

**CYCLE:** A complete sequence of signal indications for all phases.

**CYCLE LENGTH:** The total time for a traffic signal to complete one full cycle.

**DAILY CAPACITY:** A theoretical value representing the daily traffic volume that will typically result in a peak hour volume equal to the capacity of the roadway.

**DELAY:** The total additional travel time experienced by a roadway user (driver, passenger, bicyclist, or pedestrian) beyond that required to travel at a desired speed.

**DENSITY:** The number of vehicles occupying in a unit length of the through traffic lanes of a roadway at any given instant. Usually expressed in vehicles per mile.

**DETECTOR:** A device used to count or determine the presence of a roadway user.

**DESIGN SPEED:** A speed used for purposes of designing horizontal and vertical alignments of a highway.

**DIRECTIONAL SPLIT:** The percent of two-way traffic traveling in a specified direction.

**DIVERSION:** The rerouting of traffic from a normal path of travel between two points, such as to avoid congestion or perform a secondary trip.

**FREE FLOW:** Traffic flow that is unaffected by a traffic control and/or upstream or downstream conditions.

**GAP:** Time or distance between two vehicles measured from rear bumper of the front vehicle to front bumper of the second vehicle.

**GAP ACCEPTANCE:** The method by which a driver accepts an available gap in traffic to enter or cross the road.

**HEADWAY:** Time or distance between two successive vehicles measured from same point on both vehicles (i.e., front bumper to front bumper).

**LEVEL OF SERVICE:** A grading scale of quantitative performance measures representing the quality of service of a transportation facility or service from an average traveler's perspective.

**LOOP DETECTOR:** A vehicle detector consisting of a loop of wire embedded in the roadway, energized by alternating current and producing an output circuit closure when passed over by a vehicle.

**MULTI-MODAL:** More than one mode, such as automobile, transit, bicycle, and pedestrian.

**OFFSET:** The time interval between the beginning of a traffic signal cycle at one intersection and the beginning of signal cycle an adjacent intersection.

**PLATOON:** A set of vehicles traveling at similar speed and moving as a general group with clear separation between other vehicles ahead and behind.

**PASSENGER CAR EQUIVALENT:** A metric used to assess the impact of larger vehicles, such as trucks, recreational vehicles, and buses, by converting the traffic volume of larger vehicles to an equivalent number of passenger cars.

**PEDESTRIAN CLEARANCE INTERVAL:** Also known as the “Flashing Don’t Walk” interval, it signals the end of pedestrian entry into the crosswalk following the “Walk” indication and provides time for pedestrians who have already entered the crosswalk to finishing crossing.

**PEAK HOUR:** The hour within a day in which the maximum volume occurs.

**PEAK HOUR FACTOR:** The peak hour volume divided by the four times the peak 15-minute flow rate.

**PHASE:** In traffic signals, the green, yellow, and red clearance intervals assigned to a specified traffic movement.

**PRETIMED SIGNAL:** A traffic signal operation in which the cycle length, phasing sequence, and phasing times are predetermined and fixed, regardless of actual demand for any given traffic movement. Also known as a fixed time signal.

**PROGRESSION:** The coordinated movement of vehicles through signalized intersections along a corridor.

**QUEUE:** The number of vehicles waiting at a service area such as a traffic signal, stop sign, or access gate.

**QUEUE LENGTH:** The length of vehicle queue, typically expressed in feet, waiting at a service area such as a traffic signal, stop sign, or access gate.

**RECALL:** A signal phasing operation in which a specified phase places a call to the signal controller each time a conflicting phase is served, thus ensuring the specified phase will be serviced again.

**SEMI-ACTUATED CONTROL:** A type of traffic signal control in which only the minor movements are provided detection.

**SIGHT DISTANCE:** The continuous length of roadway visible to a driver or roadway user.

**STACKING DISTANCE:** The length of area available behind a service area, such as a traffic signal or gate, for vehicle queuing to occur.

**STOPPING SIGHT DISTANCE:** The minimum distance required by the driver of a vehicle traveling at a given speed to bring the vehicle to a stop after an object on the road becomes visible, including reaction and response time.

**TRIP OR TRIP END:** The one-directional movement of a person or vehicle. Every trip has an origin and a destination at its respective ends (i.e., trip ends). In terms of site trip generation, the same vehicle entering and exiting a site generates two trips: one inbound trip and one outbound trip.

**TRIP GENERATION RATE:** The rate at which a land use generates trips per the specified land use variable, such per dwelling unit or per thousand square feet.

**TRUCK:** A heavy motor vehicle generally used for transporting goods.

**VEHICLE MILES TRAVELED:** A measure of the amount and distance of automobile travel essentially calculated as the sum of each trip times the trip length.

**APPENDIX B**

**SCOPING AGREEMENT**

## MEMORANDUM OF UNDERSTANDING

**TO:** Mr. Kenneth Phung, Ms. Patricia Brenes | CITY OF PERRIS  
**FROM:** Bryan Crawford, Senior Transportation Planner  
**DATE:** February 27, 2023  
**SUBJECT:** City of Perris Housing Implementation Measures Transportation Study Scoping Agreement

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The purpose of this transportation study scoping agreement is to outline the proposed traffic analysis parameters and assumptions for review/concurrence by City of Perris staff. This transportation study will assess the effects to the City of Perris roadway network resulting from development of Housing Opportunity Areas identified in the City's recently updated Housing Element.

### PROJECT DESCRIPTION

The proposed project involves creation of an overlay zone for Housing Opportunity Sites identified in the recently adopted *City of Perris General Plan Housing Element* (August 17, 2022) that would continue to permit development in accordance with current zoning regulations or allow activation of the overlay zoning for development of up to 5,419 high-density, multi-family residential dwelling units distributed over 12 Housing Opportunity Areas ("Project").

The Housing Opportunity Areas are identified on Figure 7-3 of the Housing Element. Appendix B of the Housing Element provides detailed descriptions of each Housing Opportunity Area including the maximum number of potential units of multi-family housing that can be developed for each area. Table 1 summarizes the Housing Opportunity Area development potential, including the sites within each area and the maximum number of residential units estimated for each site. This information was obtained from Appendix B of the Housing Element. As shown in Table 1, full development of all Housing Opportunity Areas could result in up to 5,419 multi-family residential dwelling units.

Figure 1 shows the project location map. This figure shows the location of all twelve Housing Opportunity Areas overlayed onto the City of Perris Future Roadway Network (as identified on Exhibit CE-12 of the *City of Perris General Plan Circulation Element* (August 26, 2022).

### PROJECT TRIP GENERATION

Table 2 shows the weekday AM peak hour, PM peak hour, and daily project trip generation forecast based on average rates obtained from the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (11th Edition, 2021) for ITE Land Use Code 220: Multi-Family Housing (Low-Rise). As shown in Table 2, the proposed project is forecast to generate approximately 36,524 daily trips, including 2,169 trips during the AM peak hour and 2,764 trips during the PM peak hour.

For information purposes of this scoping agreement, Table 3 shows an alternative trip generation forecast based on average rates for ITE Land Use Code 221: Multi-Family Housing (Mid-Rise). As shown in Table 3,

use of ITE rates for mid-rise multi-family housing would result in a trip generation forecast of 24,602 daily trips, including 2,003 trips during the AM peak hour and 2,114 trips during the PM peak hour.

While both ITE Land Use Codes 220 and 221 describe apartments, townhouses, and condominiums, the low-rise multi-family housing category (ITE 220) represents two- to three-story developments, whereas the mid-rise multi-family housing category (ITE 221) represents four- to ten-story developments. Since the proposed overlay would require a minimum density of 30 dwelling units/acre, developments within the Housing Opportunity Areas would likely consist of both low-rise and mid-rise multi-family. Since the trip generation rates for low-rise multi-family housing are greater than mid-rise multi-family housing, the study shall use the trip generation rates for low-rise multi-family housing for all 5,419 potential multi-family housing dwelling units (as shown in Table 2) to provide a conservative analysis.

## LEVEL OF SERVICE ANALYSIS

### Study Area

Figure 2 and Table 4 identify the proposed study area roadway segments to be analyzed. The study roadway segments were selected based on proximal location to each Housing Opportunity Area, roadway classification within the City of Perris Circulation Element, and forecasted travel patterns between the Housing Opportunity Area and potential local and regional destinations.

### Project Trip Distribution

Figures 3 to 16 illustrate the forecast directional distribution patterns of project-generated trips for each Housing Opportunity Site. The project trip distribution patterns are based on review of existing and future volume data from the City of Perris General Plan Circulation Element, surrounding land uses, designated truck routes, local and regional roadway facilities in the project vicinity, and the City of Perris General Plan Circulation Element Future Roadway Network.

### Traffic Counts

New roadway segment counts will be collected at the study roadway segments during a 24-hour period on a typical weekday (Tuesday, Wednesday, or Thursday). These counts will separate passenger cars and trucks by axle.

### Analysis Scenarios

The traffic study shall evaluate the following analysis scenarios for weekday average daily traffic conditions:

- Existing [2023]
- General Plan Buildout (Post 2030) Without Project
- General Plan Buildout (Post 2030) With Project

### Method Of Projection

The General Plan Buildout (Post 2030) Without Project average daily traffic (ADT) volumes will be obtained from the currently adopted City of Perris General Plan Circulation Element (Table CE-10, Future Segment Average Daily Traffic and Level of Service). The existing traffic counts to be collected will be compared with the future volumes for each roadway segment to ensure that the future volumes are greater than existing volumes. In the event that the existing roadway segment volume is greater than the future volume, the future volume may be revised to reflect the existing volume. The future volume may not be revised to reflect the

existing greater volume if the roadway segment in question is expected to have reduced future volumes due to traffic pattern realignment due to future roadway construction as shown in the City of Perris General Plan Circulation Element Future Roadway Network for roadways that are not currently constructed and operational. Each future ADT will be reviewed on a case-by-case basis to determine if it is appropriate to modify based on the greater existing traffic volume.

The General Plan Buildout (Post 2030) With Project volumes will be developed by adding project-generated trips to the adjusted General Plan Buildout (Post 2030) With Project volumes.

### **Analytical Methodology**

Roadway segment Level of Service will be evaluated based on the volume-to-capacity methodology using roadway capacities by classification established in the City of Perris General Plan Circulation Element Table CE-9 (Perris Roadway Future Capacity / Level of Service).

### **Performance Standards**

The City of Perris has established Level of Service (LOS) D or better as acceptable for all roadway segments along the designated street and highway system in the City's General Plan Circulation Element. If necessary, the analysis will identify any changes in roadway classifications necessary to maintain established LOS standards.

## **VEHICLE MILES TRAVELED (VMT) IMPACT ANALYSIS**

### **Modeling**

VMT impacts will be evaluated using the Riverside County Transportation Model (RIVCOM). Socio-economic data inputs associated with full development of the Housing Opportunity Zones will be added and two new model runs will be performed for base year plus project and future year plus project. Model outputs will include total VMT per service population and home-based VMT per capita. Model runs will be obtained via Western Riverside Council of Governments (WRCOG) transportation modeling services.

### **Consistency with RHNA**

The study will include a discussion addressing whether or not the project is consistent with Regional Housing Needs Allocation (RHNA) housing supply allocations for the City of Perris.

### **Thresholds of Significance**

The project VMT impact will be considered significant if:

- The base model year project-generated VMT per service population exceeds the City of Perris baseline VMT per service population, or
- The future model year project-generated VMT per service population exceeds the City of Perris base year VMT per service population.

## **Mitigation**

The study will identify three impact categories for the Housing Opportunity areas: very efficient (no mitigation necessary), moderately efficient (some mitigation necessary), and least efficient (likely to result in significant unavoidable impacts with mitigation).

Mitigation measures for each impact category will be identified in the form of transportation demand measures (TDM) and associated VMT reduction based on guidance from the WRCOG SB 743 Implementation Pathway Document Package (2019) and the California Air Pollution Control Officers Association (CAPCOA) *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity* (December 2021).

## **CONCLUSION**

We appreciate the opportunity to provide this scoping document for your review. Should you have any questions or comments regarding the proposed scope, please contact Bryan Crawford at (714) 795-3100 x 104 or bryan@ganddini.com.

**Table 1**  
**Housing Opportunity Area Development Potential**

Area	Maximum Potential Number of Multi-Family Residential Units	Area	Maximum Potential Number of Multi-Family Residential Units
1	320	7 - Site 7.1	113
2 - Site 2.1	109	7 - Site 7.2	179
2 - Site 2.2	120	7 - Site 7.3	13
2 - Site 2.3	123	7 - Site 7.4	69
2 - Site 2.4	120	8 - Site 8.1	24
2 - Site 2.5	46	8 - Site 8.2	49
2 - Site 2.6	19	8 - Site 8.3	111
3 - Site 3.1	104	8 - Site 8.4	17
3 - Site 3.2	122	9 - Site 9.1	79
3 - Site 3.3	26	9 - Site 9.2	220
3 - Site 3.4	114	10 - Site 10.1	70
3 - Site 3.5	156	10 - Site 10.2	60
3 - Site 3.6	36	11 - Site 11.1	32
3 - Site 3.7	127	11 - Site 11.2	93
4	881	11 - Site 11.3	24
5 - Site 5.1	233	12 - Site 12.1	35
5 - Site 5.2	222	12 - Site 12.2	28
5 - Site 5.3	263	12 - Site 12.3	10
5 - Site 5.4	251	12 - Site 12.4	49
6 - Site 6.1	239	12 - Site 12.5	31
6 - Site 6.2	303	12 - Site 12.6	109
		12 - Site 12.7	70
<b>Total</b>			<b>5,419</b>

Source: City of Perris Housing Element (August 17, 2022); Appendix B.

**Table 2**  
**Project Trip Generation To Be Used for Analysis**

Land Use	Source <sup>1</sup>	Unit <sup>2</sup>	Trip Generation Rates						Daily	
			AM Peak Hour			PM Peak Hour				
			% In	% Out	Rate	% In	% Out	Rate		
Multifamily Housing (Low-Rise)	ITE 220	DU	24%	76%	0.40	63%	37%	0.51	6.74	

Area	Quantity	Unit <sup>2</sup>	Trips Generated						Daily	
			AM Peak Hour			PM Peak Hour				
			In	Out	Total	In	Out	Total		
Area 1	320	DU	31	97	128	103	60	163	2,157	
Area 2	537	DU	52	163	215	173	101	274	3,619	
Area 3	685	DU	66	208	274	220	129	349	4,617	
Area 4	881	DU	85	268	353	283	166	449	5,938	
Area 5	969	DU	93	295	388	311	183	494	6,531	
Area 6	542	DU	52	165	217	174	102	276	3,653	
Area 7	374	DU	36	114	150	120	71	191	2,521	
Area 8	201	DU	19	61	80	65	38	103	1,355	
Area 9	299	DU	29	91	120	96	56	152	2,015	
Area 10	130	DU	12	40	52	42	25	67	876	
Area 11	149	DU	14	45	59	48	28	76	1,004	
Area 12	332	DU	32	101	133	107	63	170	2,238	
<b>TOTAL NEW PROJECT TRIPS</b>			<b>521</b>	<b>1,648</b>	<b>2,169</b>	<b>1,742</b>	<b>1,022</b>	<b>2,764</b>	<b>36,524</b>	

Notes:

(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); ### = Land Use Code(s).

(2) DU = Dwelling Units

**Table 3**  
**Project Trip Generation (Multifamily Housing (Mid-Rise))**

Land Use	Source <sup>1</sup>	Unit <sup>2</sup>	Trip Generation Rates						Daily Rate	
			AM Peak Hour			PM Peak Hour				
			% In	% Out	Rate	% In	% Out	Rate		
Multifamily Housing (Mid-Rise)	ITE 221	DU	23%	77%	0.37	61%	39%	0.39	4.54	

Area	Quantity	Unit <sup>2</sup>	Trips Generated						Daily	
			AM Peak Hour			PM Peak Hour				
			In	Out	Total	In	Out	Total		
Area 1	320	DU	27	91	118	76	49	125	1,453	
Area 2	537	DU	46	153	199	128	82	210	2,438	
Area 3	685	DU	58	195	253	163	104	267	3,110	
Area 4	881	DU	75	251	326	210	134	344	4,000	
Area 5	969	DU	82	276	358	231	147	378	4,399	
Area 6	542	DU	46	154	200	129	82	211	2,461	
Area 7	374	DU	32	107	139	89	57	146	1,698	
Area 8	201	DU	17	57	74	48	31	79	913	
Area 9	299	DU	25	85	110	71	45	116	1,357	
Area 10	130	DU	11	37	48	31	20	51	590	
Area 11	149	DU	13	42	55	35	23	58	676	
Area 12	332	DU	28	95	123	79	50	129	1,507	
<b>TOTAL NEW PROJECT TRIPS</b>			<b>460</b>	<b>1,543</b>	<b>2,003</b>	<b>1,290</b>	<b>824</b>	<b>2,114</b>	<b>24,602</b>	

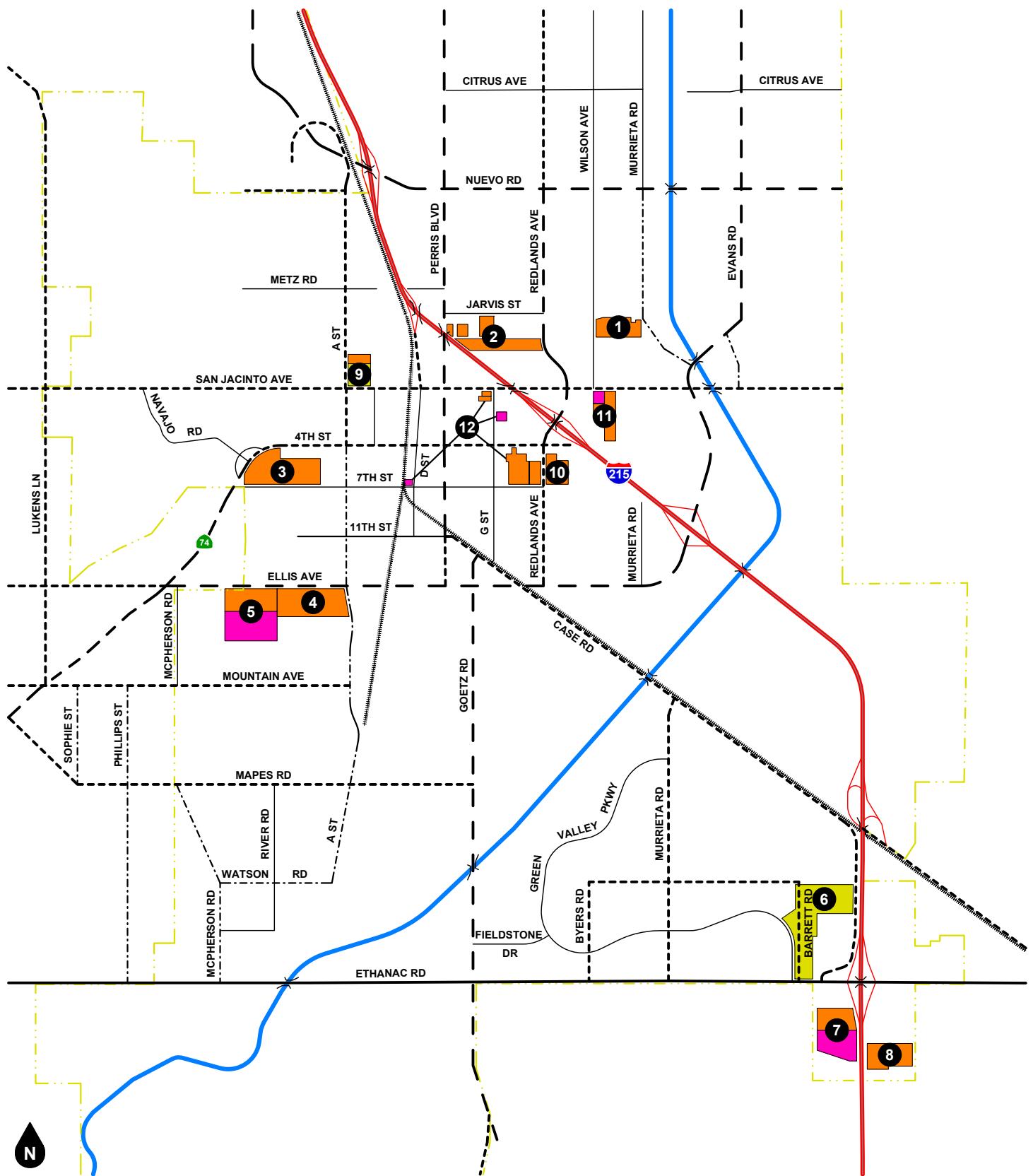
Notes:

(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); ### = Land Use Code(s).

(2) DU = Dwelling Units

**Table 4**  
**List of Study Roadway Segments To Be Analyzed**

Number	Street	Roadway Segment
1	7th Street	Redlands Avenue to SR-74
2	A Street	North of San Jacinto Avenue
3	A Street	San Jacinto Avenue to 4th Street (SR-74)
4	A Street	4th Street (SR-74) to 11th Street
5	A Street	11th Street to Ellis Avenue
6	A Street	Ellis Avenue to Mountain Avenue
7	Case Road	Perris Boulevard to Goetz Road
8	Case Road	Goetz Road to Ellis Avenue
9	Case Road	Ellis Avenue to Murrieta Road
10	Case Road	Murrieta Road to I-215 Freeway
11	D Street	I-215 Freeway to 4th Street (SR-74)
12	D Street	4th Street (SR-74) to 11th Street
13	Ellis Avenue	A Street to Goetz Road
14	Ellis Avenue	Goetz Road to Case Road
15	Ellis Avenue	Case Road to Redlands Avenue
16	Ethanac Road	Murrieta Road to Green Valley Parkway
17	Ethanac Road	Green Valley Parkway to I-215 Freeway
18	Ethanac Road	I-215 Freeway to SR-74
19	G Street	San Jacinto Avenue to 4th Street (SR-74)
20	G Street	4th Street (SR-74) to Case Road
21	Jarvis Avenue	Perris Boulevard to Redlands Avenue
22	Mountain Avenue	McPherson Road to A Street
23	Murrieta Road	Nuevo Road to Ellis Avenue
24	Perris Boulevard	Nuevo Road to East Jarvis Avenue
25	Perris Boulevard	East Jarvis Avenue to San Jacinto Avenue
26	Perris Boulevard	San Jacinto Avenue to 4th Street (SR-74)
27	Perris Boulevard	4th Street (SR-74) to 11th Street
28	Perris Boulevard	11th Street to Ellis Avenue
29	Redlands Avenue	Nuevo Road to East Jarvis Avenue
30	Redlands Avenue	East Jarvis Avenue to San Jacinto Avenue
31	Redlands Avenue	San Jacinto Avenue to I-215 Freeway
32	Redlands Avenue	I-215 Freeway to 4th Street (SR-74)
33	Redlands Avenue	4th Street (SR-74) to Ellis Avenue
34	San Jacinto Avenue	East of A Street
35	San Jacinto Avenue	A Street to D Street
36	San Jacinto Avenue	D Street to Perris Boulevard
37	San Jacinto Avenue	Perris Boulevard to G Street
38	San Jacinto Avenue	G Street to Redlands Boulevard
39	San Jacinto Avenue	Redlands Boulevard to Wilson Avenue
40	San Jacinto Avenue	Wilson Avenue to Evans Road
41	SR-74	Ellis Avenue to Navajo Road
42	SR-74	Navajo Road to A Street
43	SR-74	A Street to D Street
44	SR-74	D Street to Perris Boulevard
45	SR-74	Perris Boulevard to G Street
46	SR-74	G Street to Redlands Boulevard
47	Wilson Avenue	Nuevo Road to San Jacinto Avenue



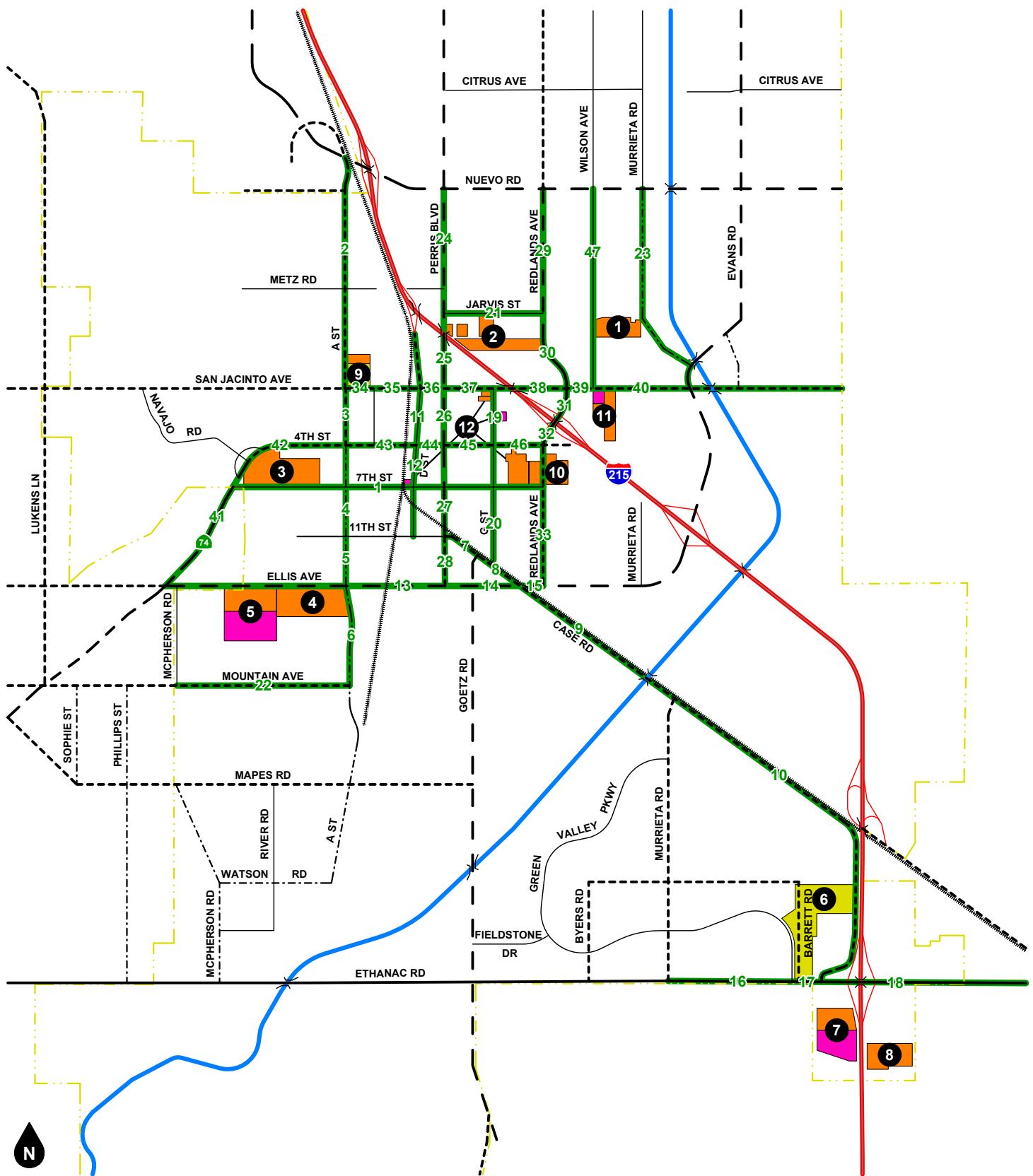
**Legend**

- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)
- Collector (66' ROW)
- Railroad
- Bridge
- Water
- City Boundary

**Housing Opportunity Areas**

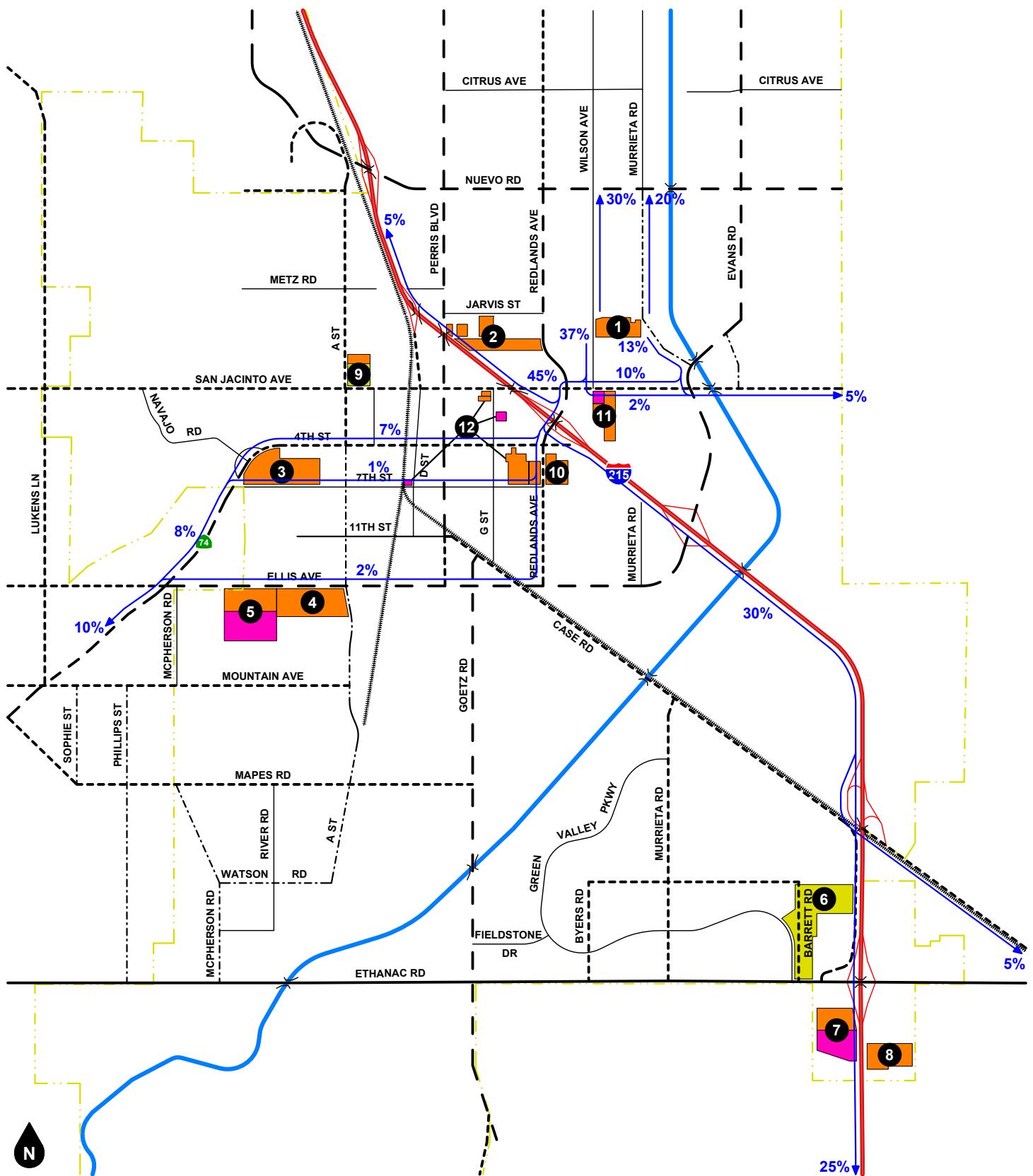
Lower Income
Moderate Income
Mixed Income

**Figure 1**  
**Project Location Map**

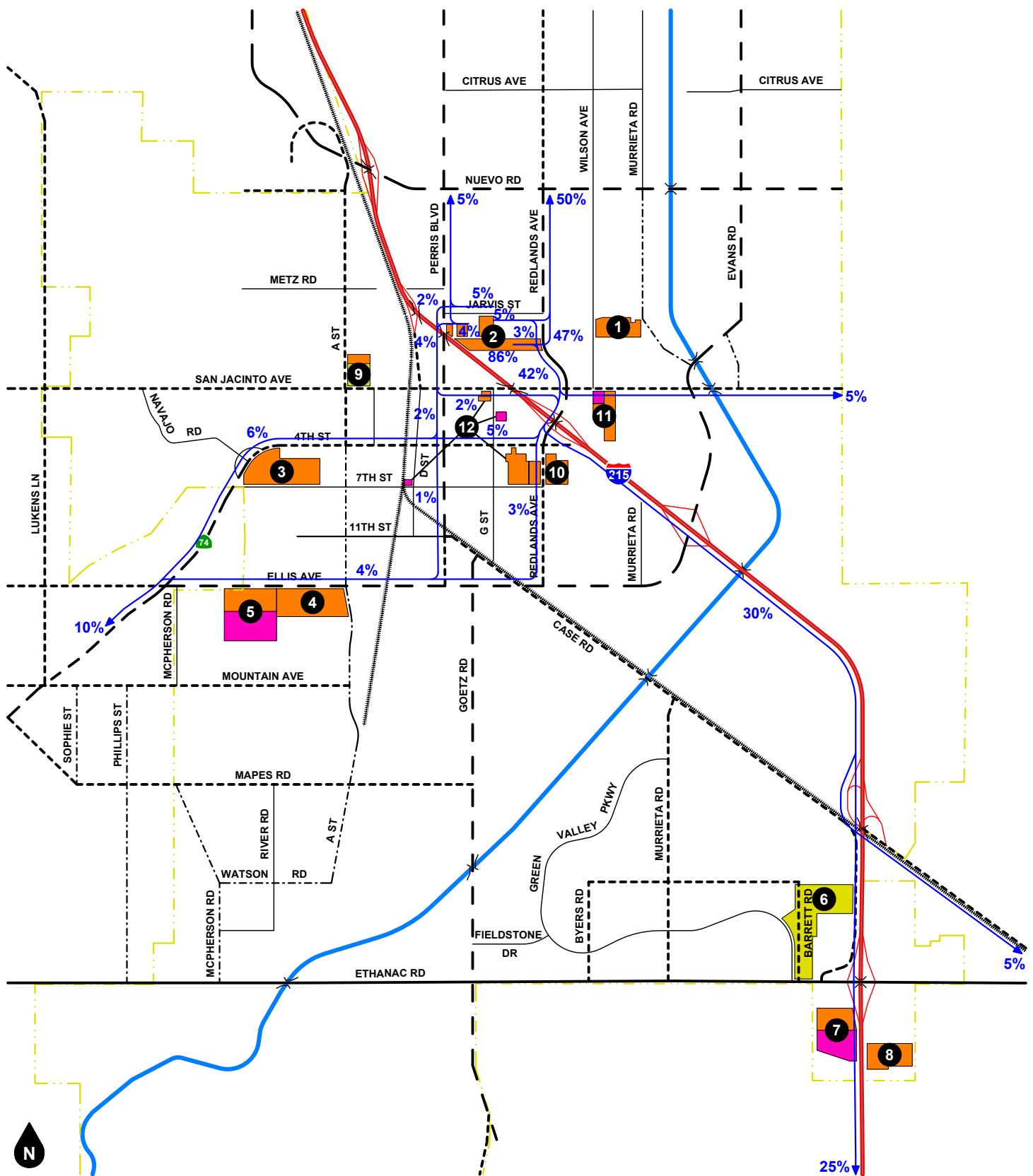


## **Figure 2**

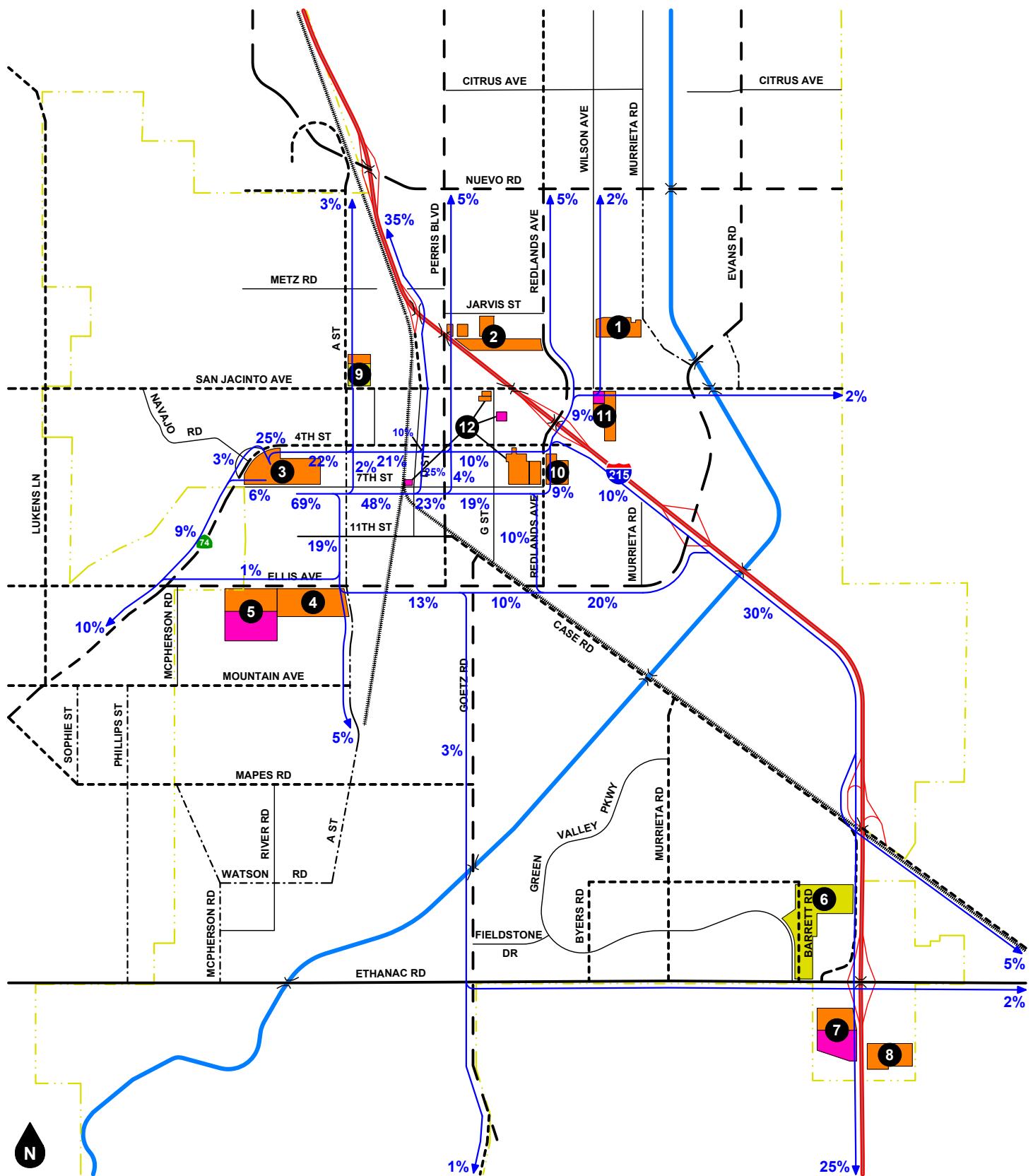
### **Study Roadway Segments**



**Figure 3**  
**Area 1 Trip Distribution**



**Figure 4**  
**Area 2 Trip Distribution**



**Legend**

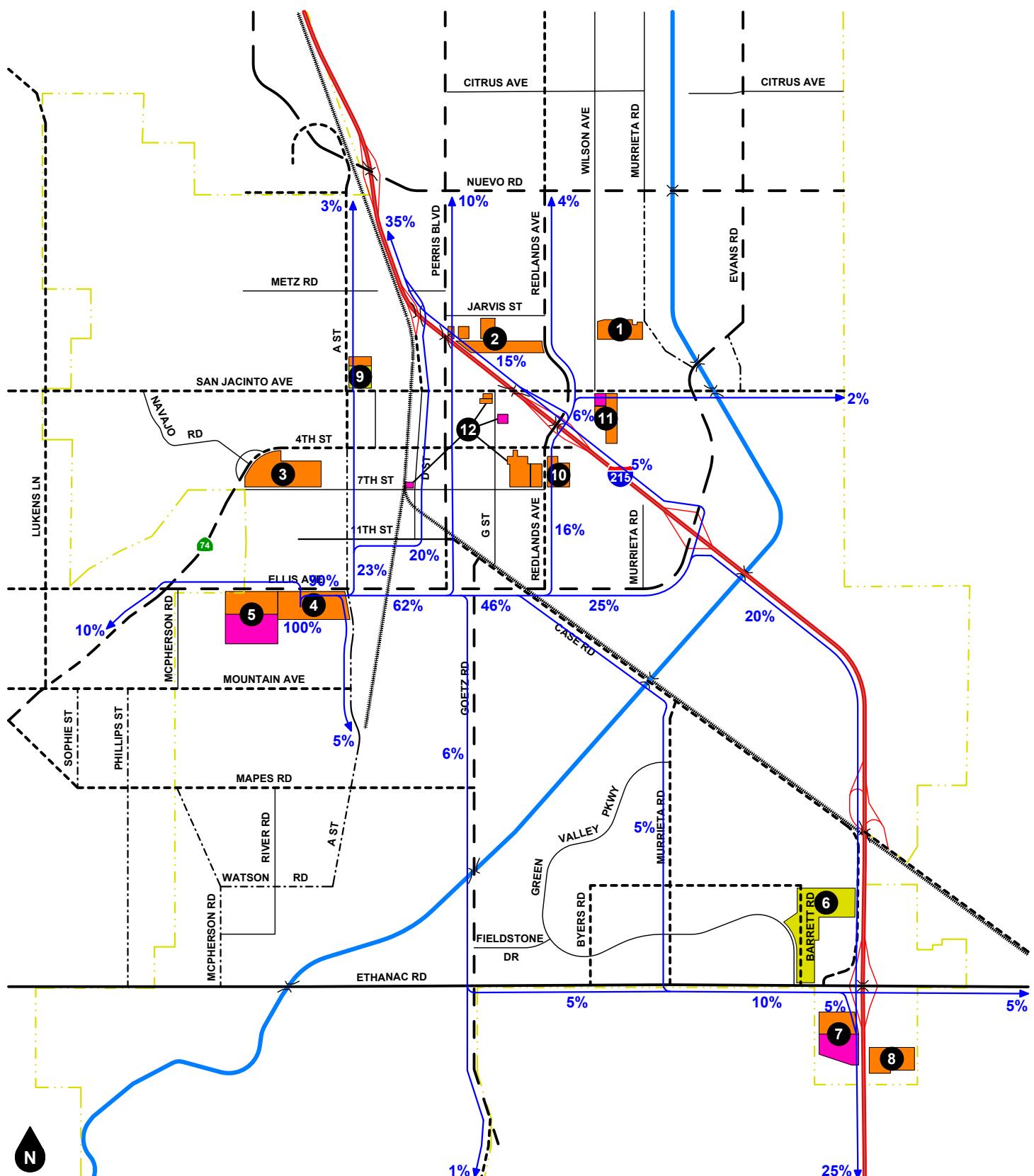
- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)

Collector (66' ROW)  
Railroad  
Bridge  
Water  
City Boundary

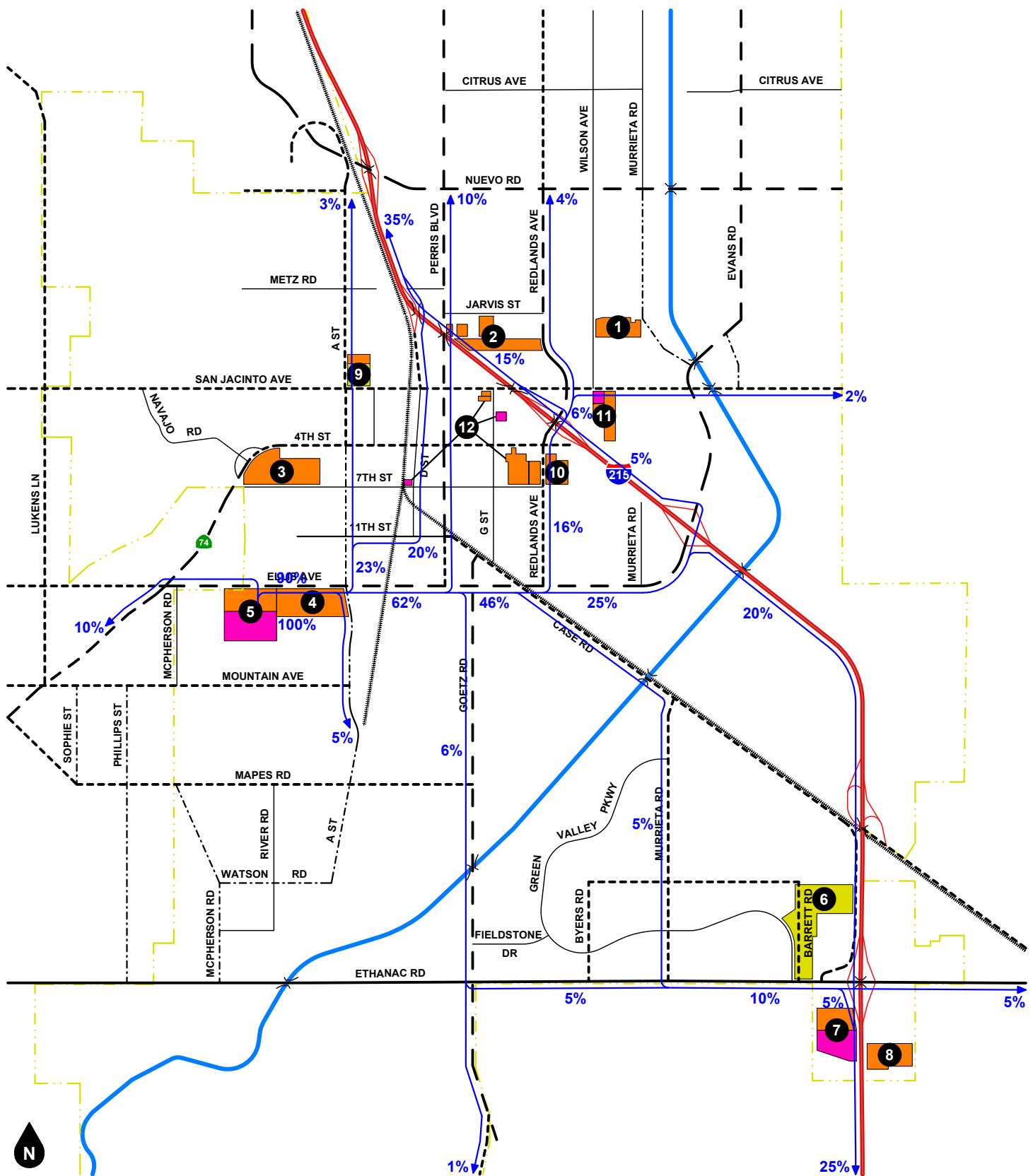
**Housing Opportunity Areas**

Area	Percent To/From Project
Lower Income	10%
Moderate Income	10%
Mixed Income	10%

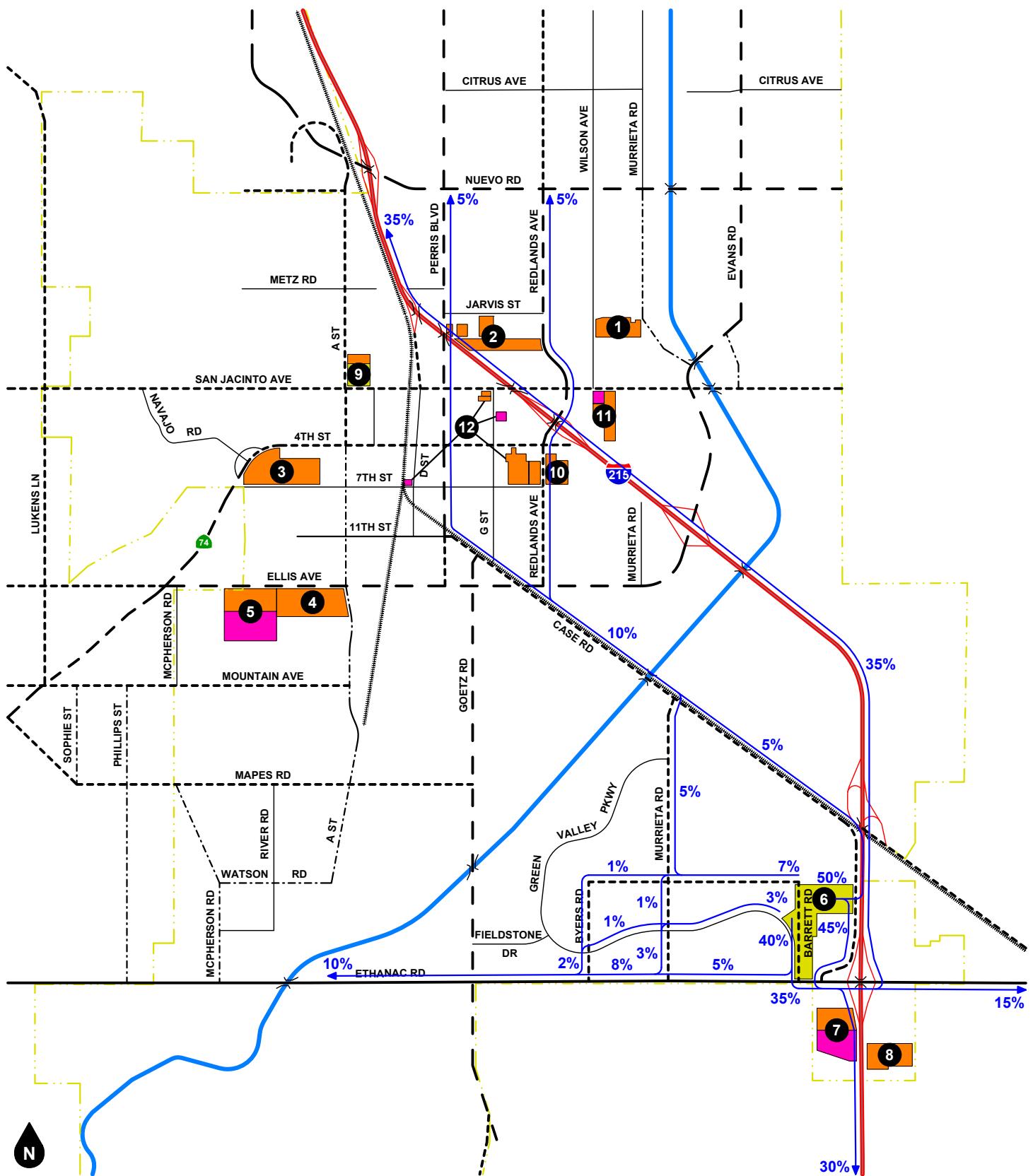
**Figure 5**  
**Area 3 Trip Distribution**



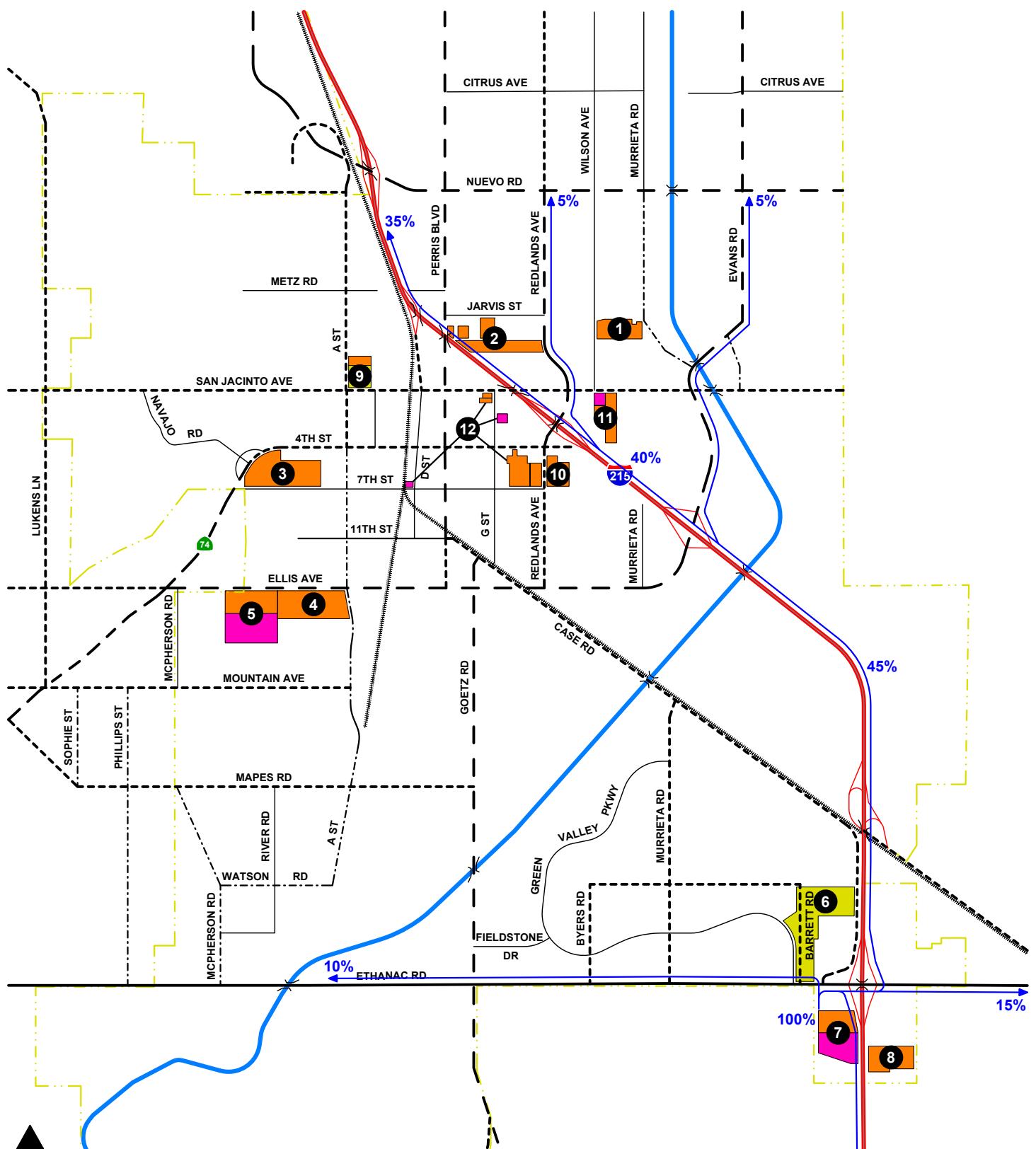
**Figure 6**  
**Area 4 Trip Distribution**



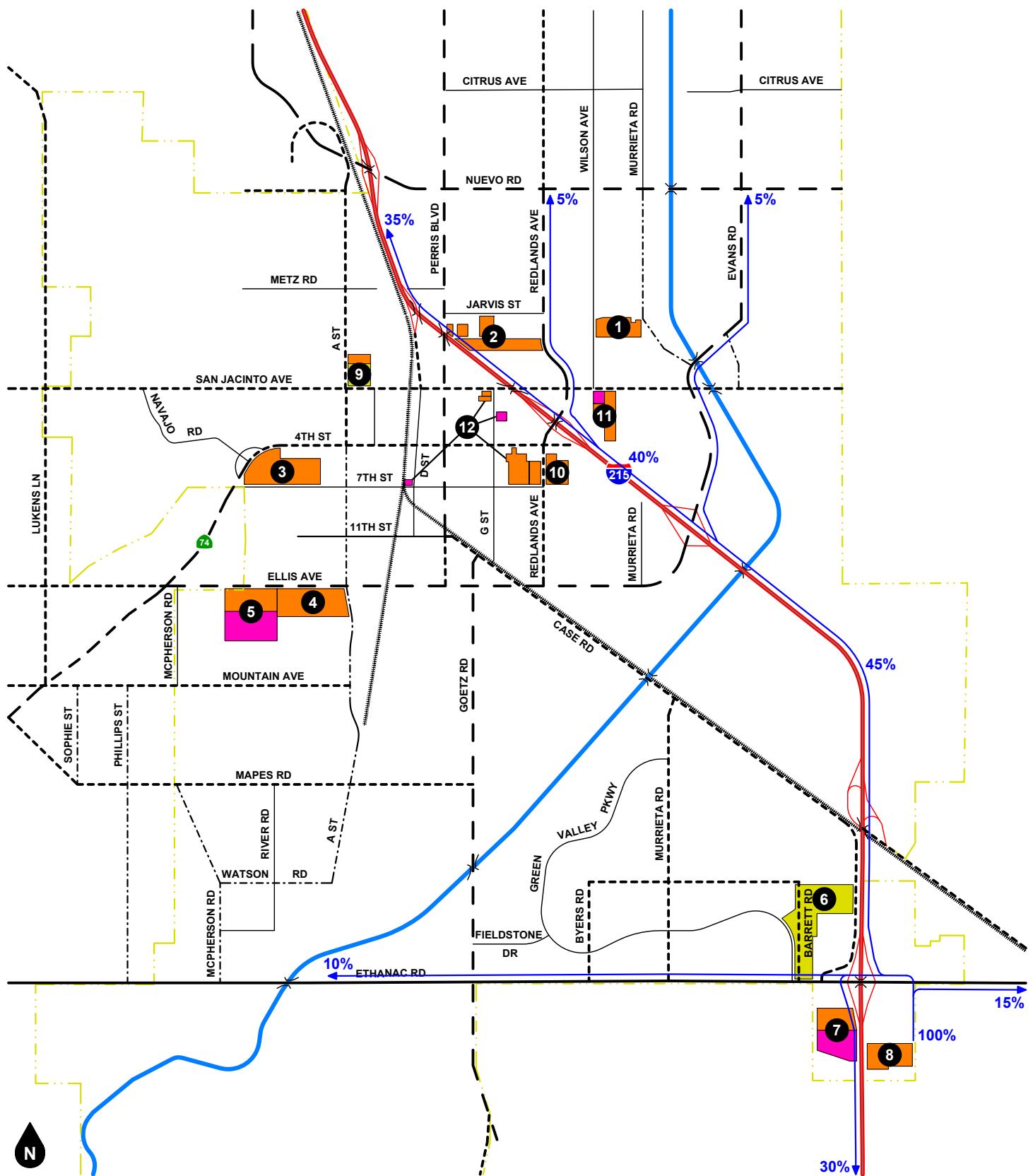
**Figure 7**  
**Area 5 Trip Distribution**



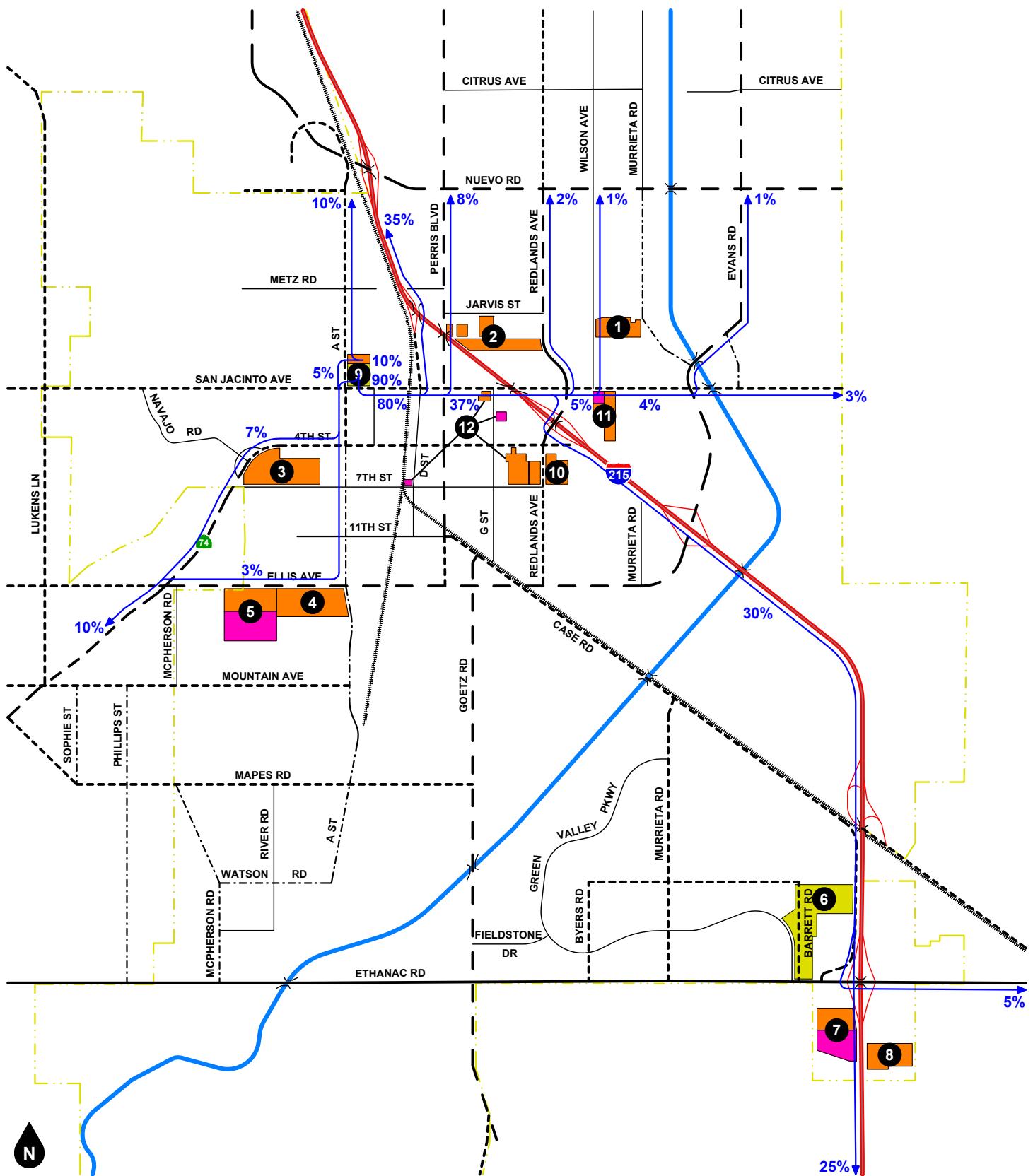
**Figure 8**  
**Area 6 Trip Distribution**



**Figure 9**  
**Area 7 Trip Distribution**



**Figure 10**  
**Area 8 Trip Distribution**



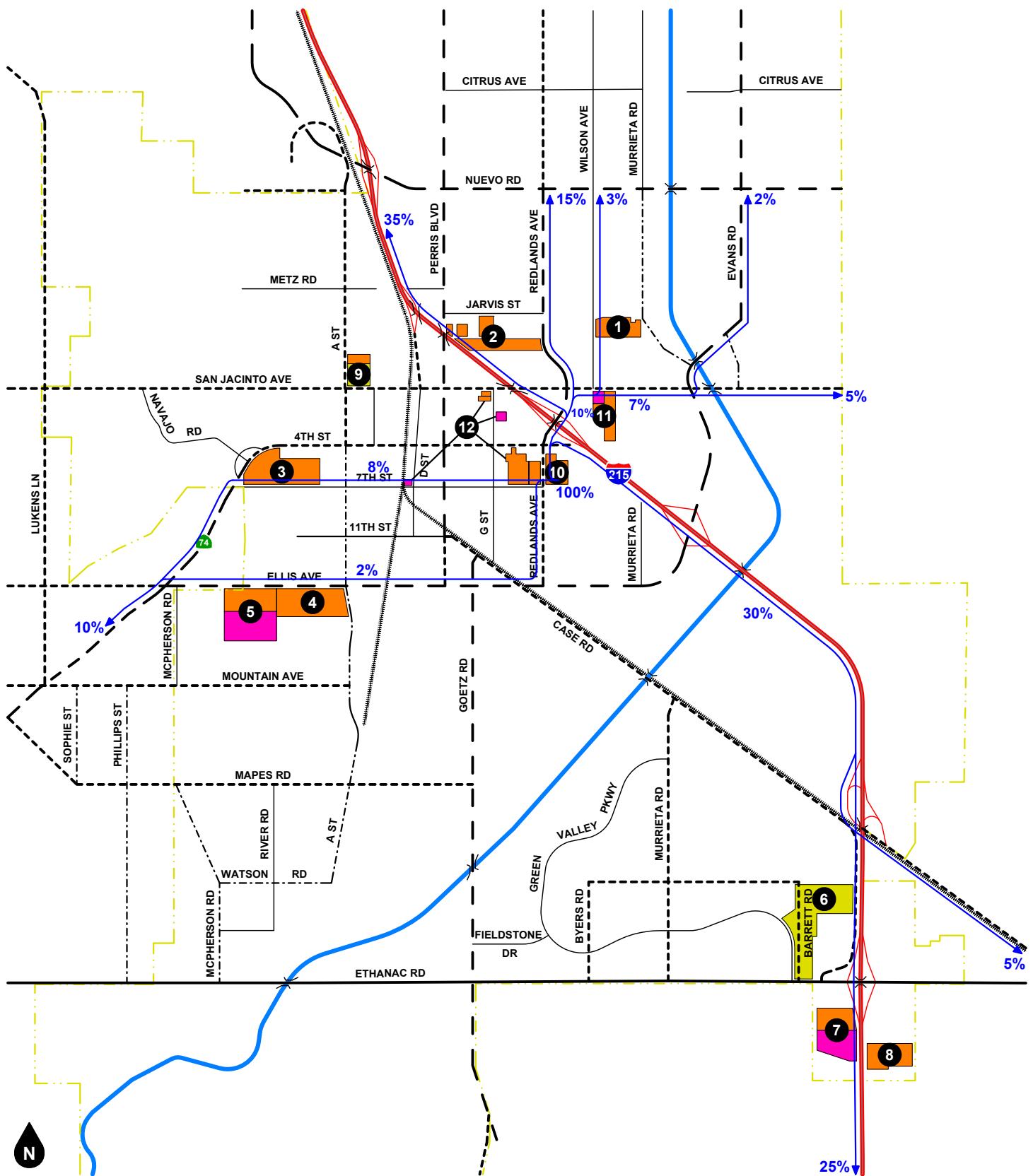
**Legend**

- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)
- Collector (66' ROW)
- Railroad
- Bridge
- Water
- City Boundary

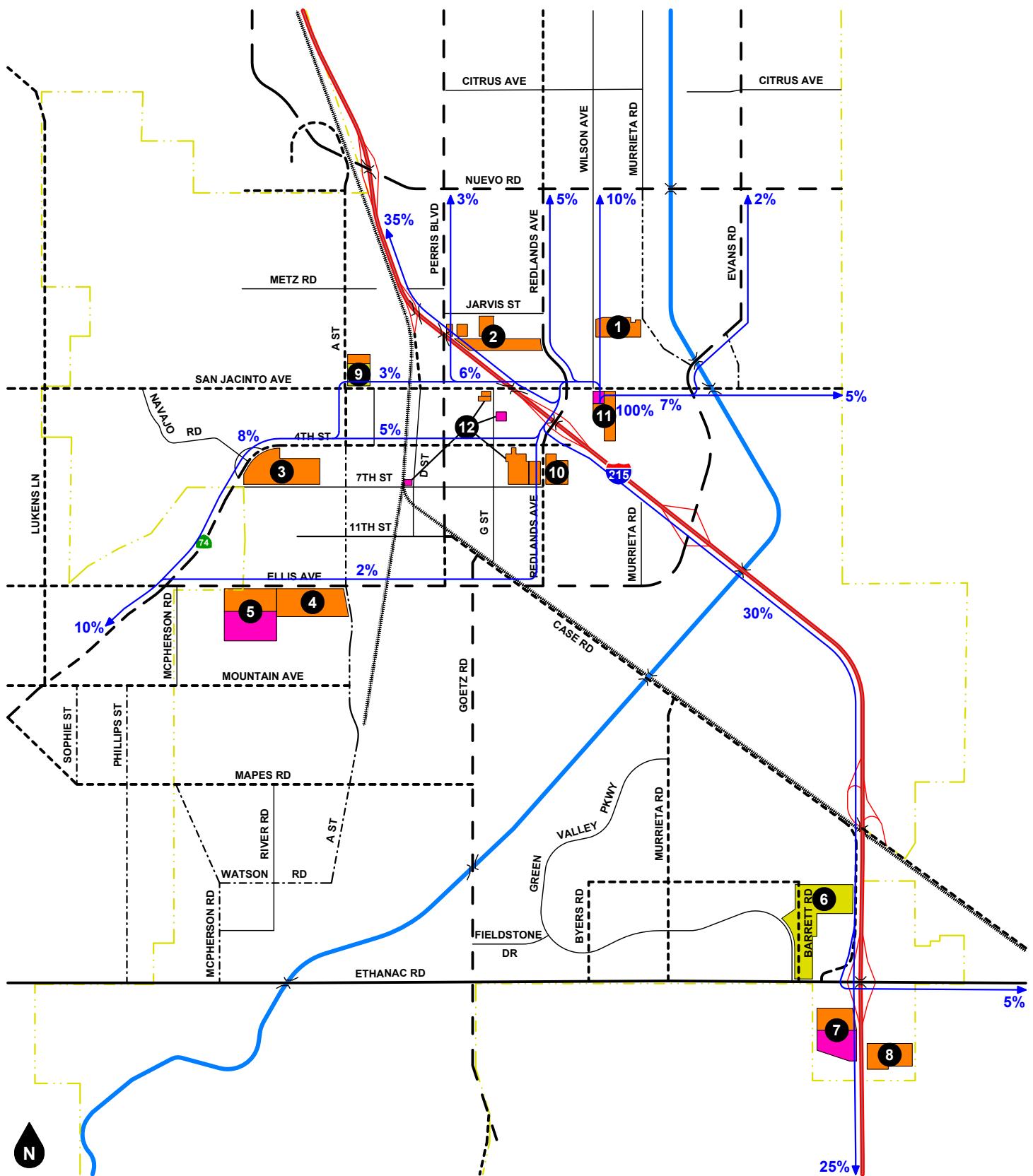
**Housing Opportunity Areas**

Lower Income	10% Percent To/From Project
Moderate Income	
Mixed Income	

**Figure 11**  
**Area 9 Trip Distribution**



**Figure 12**  
**Area 10 Trip Distribution**



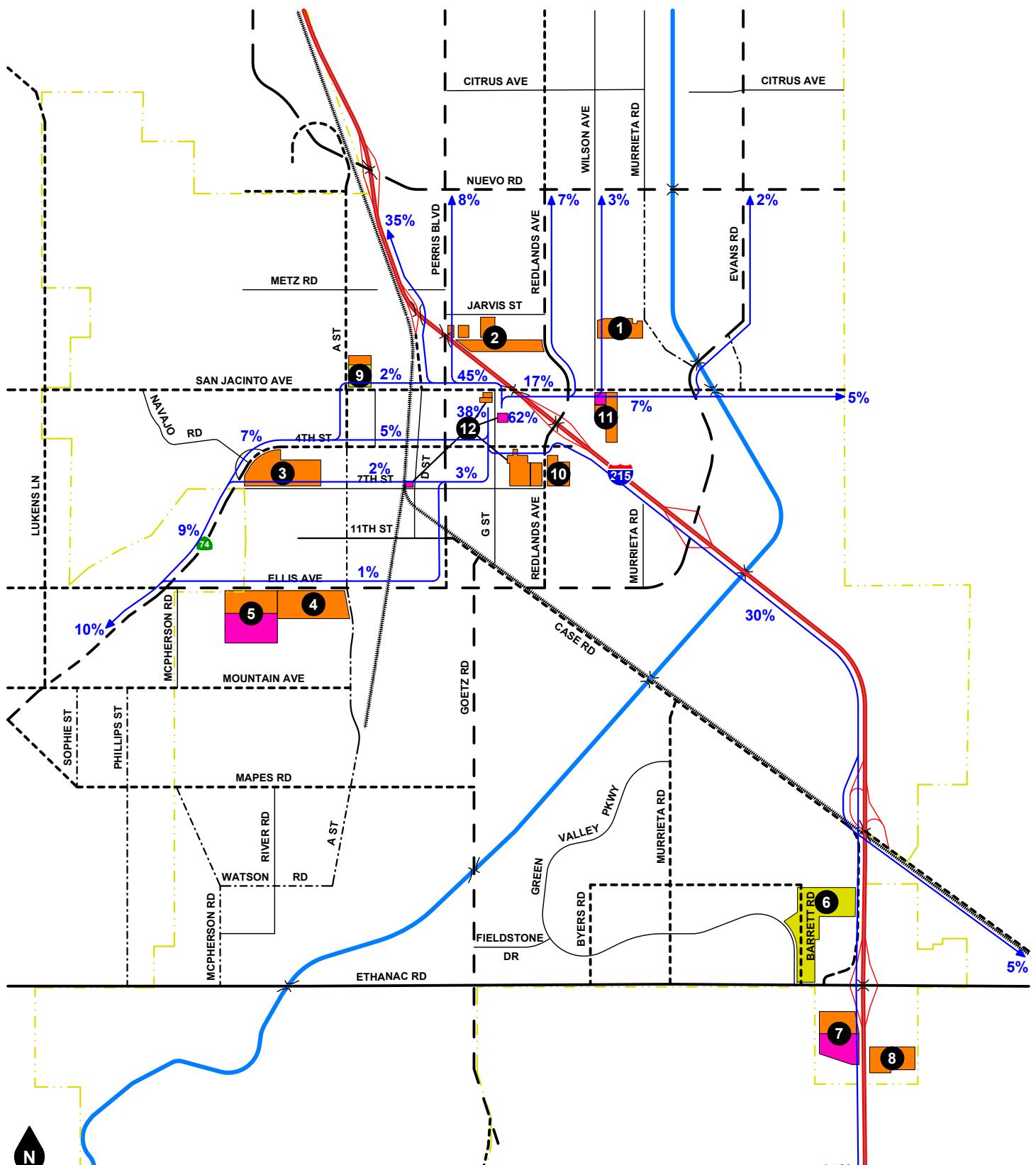
**Legend**

- Freeway
- Expressway (184' ROW)
- Arterial (128' ROW)
- Secondary Arterial (94' ROW)
- Major Collector (78' ROW)
- Collector (66' ROW)
- Railroad
- Bridge
- Water
- City Boundary

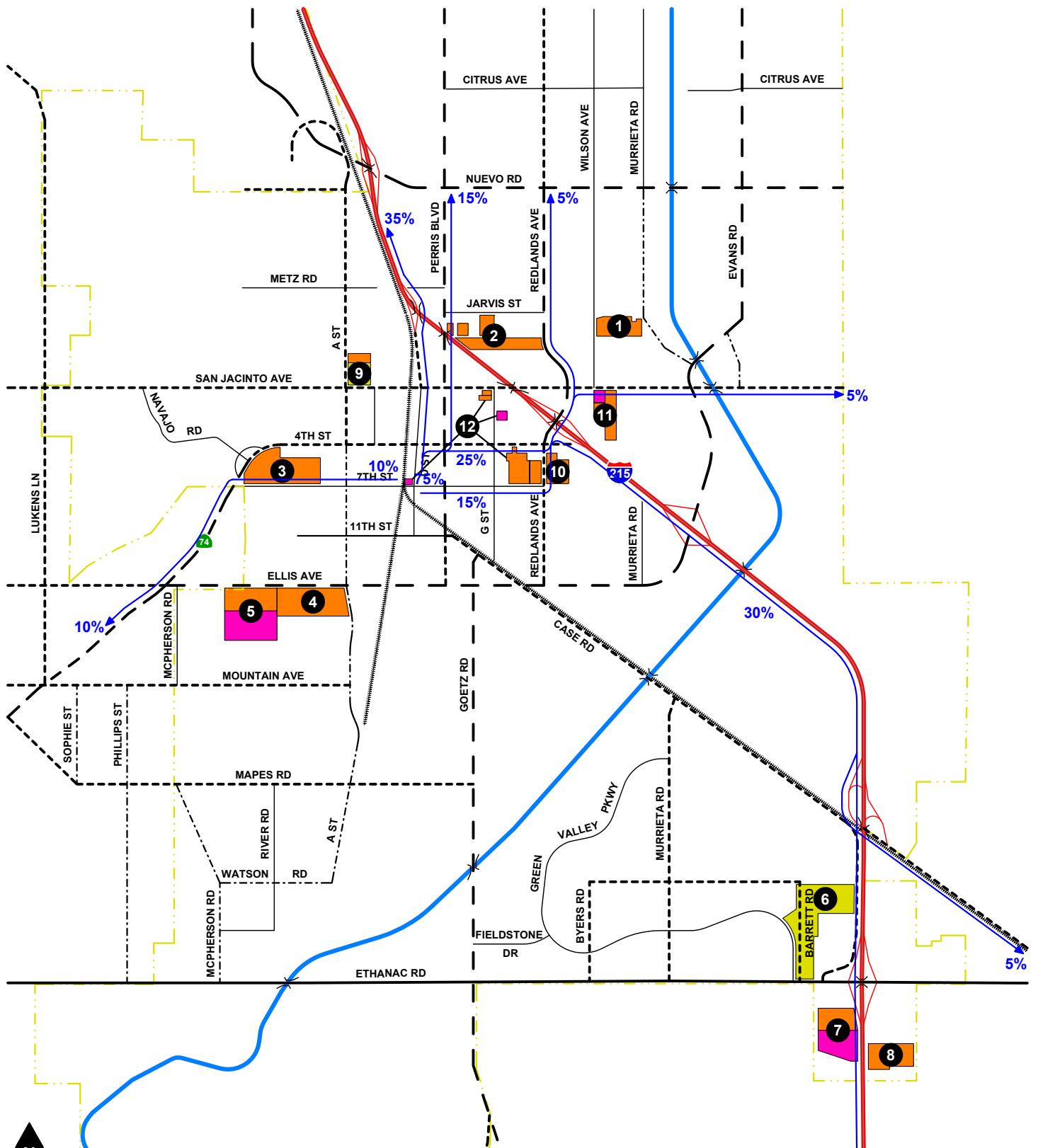
**Housing Opportunity Areas**

Area	Percent To/From Project
Lower Income	10%
Moderate Income	10%
Mixed Income	10%

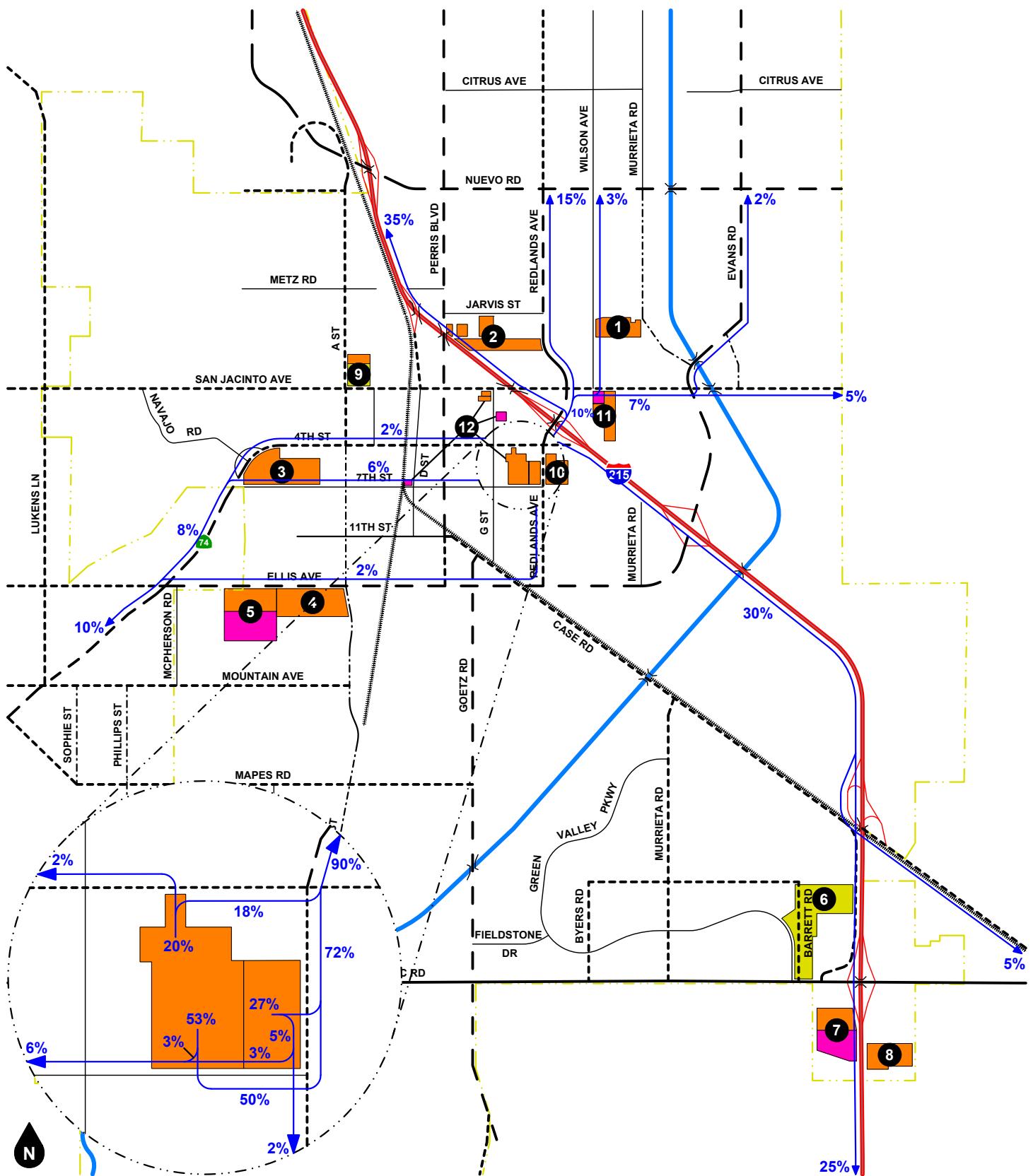
**Figure 13**  
**Area 11 Trip Distribution**



**Figure 14**  
**Area 12.1 and 12.2 Trip Distribution**



**Figure 15**  
**Area 12.3 Trip Distribution**



**Figure 16**  
**Area 12.4 to 12.7 Trip Distribution**

**Bryan Crawford <bryandavidcrawford@gmail.com>**

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## **City of Perris Housing Implementation Measures Scoping Agreement**

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**John Pourkazemi <john@trilakeconsultants.com>**

Mon, Mar 27, 2023 at 6:01 PM

To: Bryan Crawford &lt;bryan@ganddini.com&gt;

Cc: Kelly Ribuffo &lt;KRibuffo@sagecrestplanning.com&gt;, Patricia Brenes &lt;pbrenes@cityofperris.org&gt;, Kenneth Phung &lt;KPhung@cityofperris.org&gt;, David Blumenthal &lt;dblumenthal@sagecrestplanning.com&gt;, Giancarlo Ganddini &lt;giancarlo@ganddini.com&gt;

Hello Bryan,

The scoping agreement is acceptable, please proceed with the study.

[Quoted text hidden]

**APPENDIX C**

**VOLUME COUNT WORKSHEETS**

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT29 7th between S C St and S D St.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period				EB	WB
0:00	0	4		12:00			48	34
0:15	3	3		12:15			21	25
0:30	1	2		12:30			10	29
0:45	2	6	1	10	16	12:45	24	103
1:00	0	1		13:00			23	46
1:15	1	2		13:15			55	52
1:30	1	1		13:30			54	40
1:45	2	4	0	4	8	13:45	33	165
2:00	0	1		14:00			57	49
2:15	1	1		14:15			39	35
2:30	0	0		14:30			34	44
2:45	0	1	1	3	4	14:45	45	175
3:00	2	1		15:00			37	50
3:15	3	1		15:15			37	46
3:30	4	3		15:30			42	50
3:45	2	11	2	7	18	15:45	37	153
4:00	4	3		16:00			34	91
4:15	9	4		16:15			40	55
4:30	13	4		16:30			36	62
4:45	12	38	3	14	52	16:45	35	145
5:00	10	2		17:00			40	50
5:15	10	4		17:15			23	34
5:30	13	3		17:30			30	46
5:45	17	50	8	17	67	17:45	35	128
6:00	10	10		18:00			24	40
6:15	14	11		18:15			21	37
6:30	9	10		18:30			24	31
6:45	18	51	14	45	96	18:45	16	85
7:00	16	23		19:00			15	26
7:15	31	44		19:15			19	30
7:30	60	77		19:30			15	25
7:45	84	191	89	233	424	19:45	14	63
8:00	88	40		20:00			7	18
8:15	38	37		20:15			13	22
8:30	23	31		20:30			8	13
8:45	23	172	18	126	298	20:45	5	33
9:00	21	17		21:00			8	13
9:15	23	28		21:15			8	13
9:30	19	23		21:30			3	10
9:45	26	89	12	80	169	21:45	8	27
10:00	16	16		22:00			6	12
10:15	10	20		22:15			8	7
10:30	19	27		22:30			5	3
10:45	18	63	12	75	138	22:45	3	22
11:00	15	27		23:00			4	4
11:15	24	36		23:15			3	1
11:30	23	25		23:30			1	3
11:45	15	77	32	120	197	23:45	1	9
<b>Total Vol.</b>	753	734	<b>1487</b>				1108	1547
							<b>2655</b>	

**Daily Totals**

EB      WB      Combined

1861      2281      4142

AM				PM		
Split %	50.6%	49.4%	35.9%	41.7%	58.3%	64.1%
Peak Hour	7:30	7:15	7:15	13:15	15:45	15:45
Volume P.H.F.	270 0.77	250 0.70	513 0.74	199 0.87	303 0.80	450 0.85

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT27 S A St between Serrana and Metz****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	1	8	12:00	49	55	
0:15	2	5	12:15	45	44	
0:30	1	2	12:30	31	40	
0:45	3 7	2 17	24	12:45	39 164	48 187
						351
1:00	1	2	13:00	36	35	
1:15	2	1	13:15	53	52	
1:30	4	2	13:30	51	45	
1:45	2 9	0 5	14	13:45	56 196	54 186
						382
2:00	4	2	14:00	41	59	
2:15	1	1	14:15	46	55	
2:30	1	1	14:30	64	69	
2:45	3 9	2 6	15	14:45	54 205	68 251
						456
3:00	6	4	15:00	64	86	
3:15	8	6	15:15	64	86	
3:30	4	8	15:30	173	90	
3:45	6 24	4 22	46	15:45	91 392	83 345
						737
4:00	10	9	16:00	64	84	
4:15	14	14	16:15	56	62	
4:30	23	13	16:30	62	107	
4:45	13 60	21 57	117	16:45	55 237	89 342
						579
5:00	20	15	17:00	53	86	
5:15	20	24	17:15	46	67	
5:30	49	25	17:30	46	65	
5:45	35 124	21 85	209	17:45	58 203	69 287
						490
6:00	23	36	18:00	54	64	
6:15	33	31	18:15	38	51	
6:30	56	44	18:30	52	41	
6:45	63 175	45 156	331	18:45	62 206	42 198
						404
7:00	39	50	19:00	48	40	
7:15	84	103	19:15	35	36	
7:30	144	104	19:30	32	33	
7:45	160 427	145 402	829	19:45	49 164	23 132
						296
8:00	137	123	20:00	15	32	
8:15	113	94	20:15	16	22	
8:30	51	42	20:30	22	35	
8:45	45 346	34 293	639	20:45	18 71	20 109
						180
9:00	37	37	21:00	12	35	
9:15	32	42	21:15	11	14	
9:30	35	41	21:30	12	8	
9:45	39 143	43 163	306	21:45	9 44	20 77
						121
10:00	27	35	22:00	6	11	
10:15	46	31	22:15	4	18	
10:30	43	34	22:30	3	11	
10:45	34 150	34 134	284	22:45	6 19	13 53
						72
11:00	39	32	23:00	3	14	
11:15	30	42	23:15	2	8	
11:30	39	34	23:30	1	8	
11:45	37 145	32 140	285	23:45	2 8	6 36
						44
<b>Total Vol.</b>	1619	1480	<b>3099</b>	1909	2203	<b>4112</b>

**Daily Totals**

	NB	SB	Combined
	3528	3683	<b>7211</b>
AM	PM		
<b>Split %</b>	52.2%	47.8%	<b>43.0%</b>
<b>Peak Hour</b>	7:30	7:15	<b>7:30</b>
<b>Volume</b>	554	475	<b>1020</b>
<b>P.H.F.</b>	0.87	0.82	<b>0.84</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT26 S A St between 1st and 4th.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	1	7	12:00	59	49	
0:15	4	4	12:15	37	55	
0:30	3	3	12:30	40	52	
0:45	1 9	6 20	29	12:45	36 172	58 214
						386
1:00	1	2	13:00	33	81	
1:15	5	1	13:15	78	83	
1:30	5	2	13:30	67	75	
1:45	3 14	0 5	19	13:45	56 234	78 317
						551
2:00	1	0	14:00	54	84	
2:15	2	2	14:15	74	73	
2:30	2	0	14:30	52	85	
2:45	2 7	4 6	13	14:45	75 255	86 328
						583
3:00	4	4	15:00	87	89	
3:15	6	3	15:15	113	66	
3:30	5	6	15:30	126	179	
3:45	3 18	4 17	35	15:45	61 387	183 517
						904
4:00	8	5	16:00	52	167	
4:15	12	6	16:15	68	150	
4:30	25	12	16:30	64	126	
4:45	12 57	15 38	95	16:45	67 251	130 573
						824
5:00	20	12	17:00	48	115	
5:15	25	14	17:15	56	93	
5:30	40	14	17:30	49	85	
5:45	36 121	19 59	180	17:45	77 230	85 378
						608
6:00	25	20	18:00	71	96	
6:15	36	37	18:15	50	66	
6:30	48	33	18:30	41	71	
6:45	51 160	43 133	293	18:45	47 209	53 286
						495
7:00	48	48	19:00	51	55	
7:15	81	56	19:15	33	57	
7:30	133	112	19:30	29	47	
7:45	137 399	120 336	735	19:45	35 148	52 211
						359
8:00	154	122	20:00	16	43	
8:15	122	144	20:15	26	42	
8:30	64	69	20:30	24	48	
8:45	40 380	32 367	747	20:45	24 90	20 153
						243
9:00	39	39	21:00	16	25	
9:15	27	42	21:15	11	24	
9:30	45	39	21:30	21	20	
9:45	39 150	38 158	308	21:45	17 65	23 92
						157
10:00	33	39	22:00	8	8	
10:15	41	58	22:15	9	11	
10:30	42	44	22:30	9	14	
10:45	44 160	52 193	353	22:45	6 32	16 49
						81
11:00	47	54	23:00	4	10	
11:15	33	48	23:15	4	14	
11:30	40	56	23:30	4	16	
11:45	40 160	43 201	361	23:45	3 15	8 48
						63

**Total Vol.**    1635    1533    **3168**    2088    3166    **5254**
**Daily Totals****Combined**

NB    SB

3723    4699

**8422****PM**

Split %	51.6%	48.4%	37.6%	39.7%	60.3%	62.4%
<b>Peak Hour</b>	7:30	7:30	<b>7:30</b>	14:45	15:30	<b>15:30</b>
<b>Volume</b>	546	498	<b>1044</b>	401	679	<b>986</b>
<b>P.H.F.</b>	0.89	0.86	<b>0.95</b>	0.86	0.93	<b>0.81</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT24 S A St between 4th and 6th.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	3	9	12:00	83	45	
0:15	2	5	12:15	52	39	
0:30	6	8	12:30	69	45	
0:45	2 13	4 26	39	12:45	55 259	59 188
						447
1:00	1	0	13:00	45	49	
1:15	4	2	13:15	96	55	
1:30	4	0	13:30	87	48	
1:45	2 11	0 2	13	13:45	65 293	58 210
						503
2:00	2	1	14:00	76	58	
2:15	3	4	14:15	110	51	
2:30	1	2	14:30	62	46	
2:45	1 7	1 8	15	14:45	59 307	37 192
						499
3:00	5	2	15:00	83	35	
3:15	5	3	15:15	78	36	
3:30	6	2	15:30	98	74	
3:45	9 25	3 10	35	15:45	83 342	79 224
						566
4:00	17	3	16:00	85	61	
4:15	20	3	16:15	118	54	
4:30	25	8	16:30	87	57	
4:45	25 87	17 31	118	16:45	74 364	54 226
						590
5:00	30	6	17:00	68	52	
5:15	42	6	17:15	62	44	
5:30	46	7	17:30	69	38	
5:45	42 160	7 26	186	17:45	58 257	55 189
						446
6:00	42	12	18:00	73	40	
6:15	50	11	18:15	50	45	
6:30	41	26	18:30	59	36	
6:45	59 192	32 81	273	18:45	48 230	43 164
						394
7:00	64	29	19:00	43	40	
7:15	66	44	19:15	45	37	
7:30	108	105	19:30	40	38	
7:45	118 356	83 261	617	19:45	48 176	40 155
						331
8:00	124	66	20:00	31	35	
8:15	113	81	20:15	32	31	
8:30	69	36	20:30	34	26	
8:45	46 352	23 206	558	20:45	25 122	22 114
						236
9:00	39	26	21:00	20	24	
9:15	38	22	21:15	18	20	
9:30	43	23	21:30	17	23	
9:45	42 162	14 85	247	21:45	16 71	18 85
						156
10:00	40	25	22:00	16	9	
10:15	45	32	22:15	13	9	
10:30	47	31	22:30	11	13	
10:45	35 167	37 125	292	22:45	15 55	18 49
						104
11:00	49	31	23:00	8	13	
11:15	53	30	23:15	7	14	
11:30	48	40	23:30	5	11	
11:45	57 207	43 144	351	23:45	4 24	5 43
						67
<b>Total Vol.</b>	1739	1005	<b>2744</b>	2500	1839	<b>4339</b>

**Daily Totals**

	NB	SB	Combined
	4239	2844	<b>7083</b>
<b>AM</b>			<b>PM</b>
<b>Split %</b>	63.4%	36.6%	<b>38.7%</b>
<b>Peak Hour</b>	7:30	7:30	<b>7:30</b>
<b>Volume</b>	463	335	<b>798</b>
<b>P.H.F.</b>	0.93	0.80	<b>0.94</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT23 S A St between 13th and Ellis****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	1	3	12:00	37	53	
0:15	2	2	12:15	52	38	
0:30	2	0	12:30	59	58	
0:45	3 8	0 5	13	43 191	72 221	412
1:00	1	0	13:00	60	97	
1:15	3	1	13:15	105	73	
1:30	1	1	13:30	43	46	
1:45	2 7	0 2	9	39 247	55 271	518
2:00	4	2	14:00	58	42	
2:15	3	4	14:15	45	35	
2:30	4	0	14:30	47	50	
2:45	7 18	2 8	26	36 186	83 210	396
3:00	12	3	15:00	48	68	
3:15	11	2	15:15	36	64	
3:30	17	4	15:30	47	58	
3:45	12 52	7 16	68	30 161	44 234	395
4:00	23	4	16:00	23	47	
4:15	20	3	16:15	21	32	
4:30	25	6	16:30	43	37	
4:45	21 89	4 17	106	40 127	38 154	281
5:00	22	5	17:00	30	42	
5:15	23	16	17:15	30	33	
5:30	15	18	17:30	28	36	
5:45	18 78	16 55	133	29 117	40 151	268
6:00	27	27	18:00	24	30	
6:15	41	73	18:15	31	26	
6:30	103	149	18:30	20	25	
6:45	109 280	110 359	639	19 94	32 113	207
7:00	119	60	19:00	16	25	
7:15	63	78	19:15	17	35	
7:30	43	54	19:30	26	30	
7:45	28 253	22 214	467	17 76	25 115	191
8:00	29	28	20:00	13	24	
8:15	23	14	20:15	17	23	
8:30	30	23	20:30	12	18	
8:45	26 108	35 100	208	15 57	26 91	148
9:00	26	23	21:00	14	15	
9:15	27	18	21:15	5	13	
9:30	25	19	21:30	8	12	
9:45	27 105	39 99	204	7 34	13 53	87
10:00	48	32	22:00	4	9	
10:15	24	44	22:15	6	11	
10:30	36	36	22:30	3	6	
10:45	31 139	45 157	296	3 16	6 32	48
11:00	62	50	23:00	6	5	
11:15	35	42	23:15	4	6	
11:30	48	38	23:30	6	6	
11:45	26 171	43 173	344	0 16	0 17	33
<b>Total Vol.</b>	1308	1205	<b>2513</b>	1322	1662	<b>2984</b>
					<b>Daily Totals</b>	
				NB	SB	<b>Combined</b>
				2630	2867	<b>5497</b>
					<b>PM</b>	
<b>Split %</b>	52.0%	48.0%	<b>45.7%</b>	44.3%	55.7%	<b>54.3%</b>
<b>Peak Hour</b>	6:30	6:30	<b>6:30</b>	12:30	12:30	<b>12:30</b>
<b>Volume</b>	394	397	<b>791</b>	267	300	<b>567</b>
<b>P.H.F.</b>	0.83	0.67	<b>0.78</b>	0.93	0.77	<b>0.80</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT22 S A St between Aspen and Mountain.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	4	0	12:00	45	71	
0:15	1	3	12:15	32	23	
0:30	1	1	12:30	41	33	
0:45	2	8 2 6	14	12:45	40 158	16 143
						301
1:00	2	1	13:00	55	26	
1:15	1	0	13:15	40	86	
1:30	1	2	13:30	31	50	
1:45	0 4	1 4	8	13:45	36 162	39 201
2:00	0	0	14:00	86	48	
2:15	0	3	14:15	76	43	
2:30	2	1	14:30	33	23	
2:45	0 2	0 4	6	14:45	54 249	31 145
						394
3:00	1	4	15:00	42	47	
3:15	3	0	15:15	37	31	
3:30	0	1	15:30	36	38	
3:45	2 6	6 11	17	15:45	67 182	26 142
						324
4:00	2	3	16:00	56	39	
4:15	1	5	16:15	51	21	
4:30	1	8	16:30	45	35	
4:45	5 9	2 18	27	16:45	32 184	13 108
						292
5:00	8	7	17:00	29	28	
5:15	2	7	17:15	27	21	
5:30	3	11	17:30	31	36	
5:45	8 21	8 33	54	17:45	35 122	30 115
						237
6:00	5	11	18:00	32	32	
6:15	14	12	18:15	11	19	
6:30	13	5	18:30	18	20	
6:45	20 52	7 35	87	18:45	23 84	21 92
						176
7:00	15	17	19:00	28	17	
7:15	54	39	19:15	12	14	
7:30	89	105	19:30	12	16	
7:45	106 264	141 302	566	19:45	20 72	14 61
						133
8:00	105	98	20:00	19	7	
8:15	49	44	20:15	10	13	
8:30	37	31	20:30	19	19	
8:45	15 206	24 197	403	20:45	12 60	18 57
						117
9:00	16	22	21:00	13	8	
9:15	15	12	21:15	11	12	
9:30	16	26	21:30	7	5	
9:45	25 72	13 73	145	21:45	13 44	8 33
						77
10:00	18	13	22:00	8	10	
10:15	16	23	22:15	9	8	
10:30	15	17	22:30	6	7	
10:45	34 83	15 68	151	22:45	8 31	1 26
						57
11:00	30	44	23:00	6	3	
11:15	37	17	23:15	5	4	
11:30	33	30	23:30	2	3	
11:45	57 157	28 119	276	23:45	2 15	3 13
						28

<b>Total Vol.</b>	884	870	<b>1754</b>	1363	1136	<b>2499</b>
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**Daily Totals**

NB	SB	<b>Combined</b>
2247	2006	<b>4253</b>

**AM**

<b>Split %</b>	50.4%	49.6%	<b>41.2%</b>	54.5%	45.5%	<b>58.8%</b>
<b>Peak Hour</b>	7:15	7:30	<b>7:15</b>	14:00	13:15	<b>13:15</b>
<b>Volume</b>	354	388	<b>737</b>	249	223	<b>416</b>
<b>P.H.F.</b>	0.83	0.69	<b>0.75</b>	0.66	0.65	<b>0.78</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT41 Case between Perris and Goetz.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	10	6		12:00		48	89
0:15	6	7		12:15		51	79
0:30	8	6		12:30		62	95
0:45	5	29	6	25	54	12:45	
						65	226
1:00	6	7		13:00		60	69
1:15	7	5		13:15		61	86
1:30	4	5		13:30		73	78
1:45	4	21	2	19	40	13:45	
						66	260
2:00	4	8		14:00		86	81
2:15	3	3		14:15		90	85
2:30	4	9		14:30		92	72
2:45	7	18	4	24	42	14:45	
						99	367
3:00	2	8		15:00		71	81
3:15	7	4		15:15		93	94
3:30	8	13		15:30		102	102
3:45	7	24	9	34	58	15:45	
						91	357
4:00	4	20		16:00		94	106
4:15	13	25		16:15		99	89
4:30	12	28		16:30		107	105
4:45	39	68	30	103	171	16:45	
						104	404
5:00	24	34		17:00		85	80
5:15	27	43		17:15		82	80
5:30	34	51		17:30		90	90
5:45	31	116	38	166	282	17:45	
						94	351
6:00	29	40		18:00		75	69
6:15	37	63		18:15		62	64
6:30	44	89		18:30		57	68
6:45	58	168	88	280	448	18:45	
						63	257
7:00	48	98		19:00		48	70
7:15	64	94		19:15		47	53
7:30	70	92		19:30		41	53
7:45	83	265	108	392	657	19:45	
						50	186
8:00	94	112		20:00		37	41
8:15	61	87		20:15		39	37
8:30	72	81		20:30		37	38
8:45	45	272	61	341	613	20:45	
						45	158
9:00	33	66		21:00		29	29
9:15	42	63		21:15		30	29
9:30	51	61		21:30		23	29
9:45	43	169	46	236	405	21:45	
						21	103
10:00	47	60		22:00		16	21
10:15	49	65		22:15		14	23
10:30	58	60		22:30		12	14
10:45	40	194	50	235	429	22:45	
						17	59
11:00	50	62		23:00		15	8
11:15	65	86		23:15		11	13
11:30	57	68		23:30		9	16
11:45	56	228	63	279	507	23:45	
						14	49
<b>Total Vol.</b>	1572	2134	<b>3706</b>			2777	2976
							<b>5753</b>

<b>Daily Totals</b>		
EB	WB	Combined
4349	5110	<b>9459</b>

**AM**

<b>Split %</b>	42.4%	57.6%	<b>39.2%</b>		48.3%	51.7%	<b>60.8%</b>
<b>Peak Hour</b>	7:15	7:15	<b>7:15</b>		16:00	16:00	<b>16:00</b>
<b>Volume P.H.F.</b>	311	406	<b>717</b>		404	401	<b>805</b>
	0.83	0.91	<b>0.87</b>		0.94	0.95	<b>0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT40 Case between S G St and Ellis.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	11	4	12:00	80	57	
0:15	7	6	12:15	83	70	
0:30	2	6	12:30	90	76	
0:45	12	32	12:45	78	331	614
	3	19		80	283	
1:00	3	6	13:00	76	49	
1:15	3	3	13:15	76	92	
1:30	1	3	13:30	76	78	
1:45	4	11	13:45	83	311	607
2:00	5	4	14:00	69	90	
2:15	5	4	14:15	68	97	
2:30	1	4	14:30	68	78	
2:45	6	17	14:45	90	295	647
	8	20		87	352	
3:00	11	3	15:00	82	95	
3:15	4	8	15:15	79	86	
3:30	8	12	15:30	103	119	
3:45	8	31	15:45	96	360	736
	13	36		76	376	
4:00	9	10	16:00	99	102	
4:15	16	16	16:15	109	105	
4:30	18	17	16:30	102	103	
4:45	40	83	16:45	81	391	815
	28	71		114	424	
5:00	29	22	17:00	86	94	
5:15	16	37	17:15	68	74	
5:30	37	41	17:30	100	87	
5:45	42	124	17:45	97	351	704
	38	138		98	353	
6:00	27	31	18:00	82	76	
6:15	32	62	18:15	76	68	
6:30	42	53	18:30	85	56	
6:45	58	159	18:45	71	314	569
	58	204		55	255	
7:00	70	49	19:00	57	51	
7:15	73	76	19:15	68	48	
7:30	78	88	19:30	49	49	
7:45	91	312	19:45	66	240	443
	75	288		55	203	
8:00	81	105	20:00	35	36	
8:15	78	68	20:15	41	35	
8:30	78	64	20:30	41	32	
8:45	66	303	20:45	45	162	301
	46	283		36	139	
9:00	77	38	21:00	31	25	
9:15	72	45	21:15	31	24	
9:30	51	50	21:30	27	15	
9:45	44	244	21:45	32	121	210
	43	176		25	89	
10:00	51	47	22:00	21	14	
10:15	25	22	22:15	25	11	
10:30	30	29	22:30	14	14	
10:45	61	167	22:45	18	78	125
	47	145		8	47	
11:00	63	53	23:00	9	11	
11:15	74	60	23:15	19	9	
11:30	65	62	23:30	12	5	
11:45	74	276	23:45	11	51	86
	64	239		10	35	

<b>Total Vol.</b>	1759	1633	<b>3392</b>	3005	2852	<b>5857</b>
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**Daily Totals**

<b>NB</b>	<b>SB</b>	<b>Combined</b>
4764	4485	<b>9249</b>

**AM**

<b>Split %</b>	51.9%	48.1%	<b>36.7%</b>	51.3%	48.7%	<b>63.3%</b>
<b>Peak Hour</b>	7:30	7:15	<b>7:15</b>	15:30	16:00	<b>16:00</b>
<b>Volume</b>	328	344	<b>667</b>	407	424	<b>815</b>
<b>P.H.F.</b>	0.90	0.82	<b>0.90</b>	0.96	0.93	<b>0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT39 Case between Ellis and Murrieta.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB		PM Period	NB	SB	
0:00	9	6		12:00	70	52	
0:15	6	6		12:15	65	55	
0:30	1	6		12:30	83	62	
0:45	6 22	5 23	45	12:45	77 295	58 227	522
1:00	3	4		13:00	77	43	
1:15	1	2		13:15	78	80	
1:30	1	3		13:30	71	78	
1:45	2 7	0 9	16	13:45	80 306	71 272	578
2:00	4	3		14:00	64	89	
2:15	3	2		14:15	67	82	
2:30	1	4		14:30	61	74	
2:45	3 11	3 12	23	14:45	80 272	90 335	607
3:00	9	1		15:00	84	90	
3:15	5	3		15:15	81	72	
3:30	7	7		15:30	103	123	
3:45	6 27	11 22	49	15:45	92 360	80 365	725
4:00	10	8		16:00	87	92	
4:15	18	13		16:15	103	104	
4:30	16	9		16:30	95	114	
4:45	34 78	18 48	126	16:45	81 366	105 415	781
5:00	34	17		17:00	79	109	
5:15	20	24		17:15	53	78	
5:30	33	38		17:30	92	84	
5:45	35 122	28 107	229	17:45	96 320	87 358	678
6:00	33	24		18:00	61	72	
6:15	42	41		18:15	72	76	
6:30	54	47		18:30	89	48	
6:45	62 191	52 164	355	18:45	68 290	48 244	534
7:00	77	39		19:00	51	52	
7:15	74	52		19:15	58	48	
7:30	77	62		19:30	51	47	
7:45	82 310	48 201	511	19:45	57 217	51 198	415
8:00	69	80		20:00	31	32	
8:15	63	59		20:15	40	34	
8:30	72	61		20:30	36	30	
8:45	63 267	41 241	508	20:45	43 150	37 133	283
9:00	82	34		21:00	27	25	
9:15	74	42		21:15	33	24	
9:30	54	51		21:30	20	17	
9:45	52 262	43 170	432	21:45	29 109	32 98	207
10:00	53	38		22:00	27	7	
10:15	22	27		22:15	24	13	
10:30	31	34		22:30	12	13	
10:45	55 161	45 144	305	22:45	16 79	8 41	120
11:00	50	59		23:00	7	10	
11:15	60	49		23:15	17	8	
11:30	62	58		23:30	7	5	
11:45	72 244	56 222	466	23:45	10 41	10 33	74
<b>Total Vol.</b>	1702	1363	<b>3065</b>		2805	2719	<b>5524</b>
							<b>Daily Totals</b>
					NB	SB	<b>Combined</b>
					4507	4082	<b>8589</b>
							<b>PM</b>
<b>Split %</b>	55.5%	44.5%	<b>35.7%</b>		50.8%	49.2%	<b>64.3%</b>
<b>Peak Hour</b>	7:00	7:30	<b>7:15</b>		15:30	16:15	<b>16:15</b>
<b>Volume</b>	310	249	<b>544</b>		385	432	<b>790</b>
<b>P.H.F.</b>	0.95	0.78	<b>0.91</b>		0.90	0.95	<b>0.94</b>

Tuesday, April 25, 2023

CITY: Perris

PROJECT: SC3860

## ADT38 Case between Mapes and Dwy

Prepared by AimTD LLC tel. 714 253 7888

AM Period	NB	SB		PM Period	NB	SB	
0:00	4	5		12:00	52	44	
0:15	1	0		12:15	46	61	
0:30	1	6		12:30	34	40	
0:45	3	9	3 14	23	12:45	42 174	33 178
							352
1:00	3	3		13:00	47	46	
1:15	0	3		13:15	36	48	
1:30	2	3		13:30	44	41	
1:45	4	9	3 12	21	13:45	46 173	44 179
							352
2:00	1	2		14:00	51	39	
2:15	1	2		14:15	33	28	
2:30	1	1		14:30	37	44	
2:45	2	5	1 6	11	14:45	40 161	48 159
							320
3:00	0	0		15:00	39	52	
3:15	1	1		15:15	47	42	
3:30	2	1		15:30	32	41	
3:45	8	11	2 4	15	15:45	51 169	45 180
							349
4:00	6	0		16:00	43	55	
4:15	5	5		16:15	36	66	
4:30	7	2		16:30	38	41	
4:45	8	26	3 10	36	16:45	39 156	39 201
							357
5:00	10	4		17:00	39	54	
5:15	5	4		17:15	47	39	
5:30	5	7		17:30	47	36	
5:45	13	33	4 19	52	17:45	33 166	35 164
							330
6:00	12	7		18:00	29	43	
6:15	14	3		18:15	35	30	
6:30	16	8		18:30	35	43	
6:45	16	58	12 30	88	18:45	31 130	43 159
							289
7:00	23	7		19:00	32	42	
7:15	17	15		19:15	24	25	
7:30	17	9		19:30	27	29	
7:45	38	95	23 54	149	19:45	22 105	34 130
							235
8:00	25	19		20:00	26	26	
8:15	35	24		20:15	15	23	
8:30	39	23		20:30	7	21	
8:45	37	136	23 89	225	20:45	10 58	21 91
							149
9:00	45	31		21:00	9	11	
9:15	46	25		21:15	8	15	
9:30	35	33		21:30	6	8	
9:45	35	161	27 116	277	21:45	8 31	10 44
							75
10:00	34	33		22:00	6	8	
10:15	41	31		22:15	4	6	
10:30	34	23		22:30	1	9	
10:45	43	152	39 126	278	22:45	4 15	3 26
							41
11:00	50	33		23:00	4	8	
11:15	31	36		23:15	3	4	
11:30	36	47		23:30	1	6	
11:45	52	169	39 155	324	23:45	4 12	0 18
							30

**Total Vol.** 864 635 **1499** 1350 1529 **2879**

**Daily Totals****Combined**

EB WB

2214 2164

**4378****PM**

Split %	57.6%	42.4%	34.2%	46.9%	53.1%	65.8%
Peak Hour	11:30	11:30	11:30	13:15	15:30	15:45
Volume	186	191	377	177	207	375
P.H.F.	0.89	0.78	0.88	0.93	0.78	0.92

Tuesday, April 25, 2023

CITY: Perris

PROJECT: SC3860

**ADT35 N D St between I-215 Fwy and San Jacinto****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	10	44	12:00	129	91	
0:15	19	24	12:15	115	120	
0:30	11	30	12:30	148	172	
0:45	19	59	12:45	144	536	1102
	25	123	182	183	566	
1:00	12	18	13:00	122	160	
1:15	9	26	13:15	160	173	
1:30	13	26	13:30	185	188	
1:45	19	53	146	153	620	1331
	23	93		190	711	
2:00	14	13	14:00	152	210	
2:15	21	17	14:15	159	183	
2:30	11	29	14:30	157	200	
2:45	16	62	150	150	618	1432
	29	88		221	814	
3:00	25	20	15:00	176	212	
3:15	57	18	15:15	169	200	
3:30	78	26	15:30	201	215	
3:45	73	233	338	173	719	1594
	41	105		248	875	
4:00	101	41	16:00	184	189	
4:15	121	45	16:15	176	183	
4:30	136	66	16:30	204	220	
4:45	188	546	750	158	722	1535
	52	204		221	813	
5:00	135	107	17:00	182	191	
5:15	181	80	17:15	166	152	
5:30	223	75	17:30	156	163	
5:45	187	726	1091	148	652	1329
	103	365		171	677	
6:00	174	107	18:00	167	178	
6:15	165	136	18:15	138	178	
6:30	143	125	18:30	161	162	
6:45	147	629	1129	115	581	1258
	132	500		159	677	
7:00	113	131	19:00	119	140	
7:15	102	149	19:15	106	137	
7:30	124	162	19:30	99	123	
7:45	130	469	1074	113	437	958
	163	605		121	521	
8:00	153	168	20:00	73	132	
8:15	198	153	20:15	81	107	
8:30	161	139	20:30	84	95	
8:45	150	662	1235	71	309	753
	113	573		110	444	
9:00	140	144	21:00	58	91	
9:15	119	125	21:15	71	100	
9:30	126	128	21:30	87	90	
9:45	138	523	1042	46	262	617
	122	519		74	355	
10:00	119	127	22:00	48	66	
10:15	120	113	22:15	36	84	
10:30	123	131	22:30	48	77	
10:45	135	497	987	34	166	470
	119	490		77	304	
11:00	102	128	23:00	20	70	
11:15	135	116	23:15	22	64	
11:30	121	121	23:30	19	48	
11:45	115	473	955	23	84	312
	117	482		46	228	
<b>Total Vol.</b>	4932	4147	<b>9079</b>	5706	6985	<b>12691</b>

**Daily Totals**

	NB	SB	Combined
	10638	11132	21770
<b>AM</b>			
<b>Split %</b>	54.3%	45.7%	<b>41.7%</b>
<b>Peak Hour</b>	5:15	7:30	<b>7:45</b>
<b>Volume</b>	765	646	<b>1265</b>
<b>P.H.F.</b>	0.86	0.96	<b>0.90</b>
<b>PM</b>			
<b>Split %</b>	45.0%	55.0%	<b>58.3%</b>
<b>Peak Hour</b>	15:45	15:00	<b>15:00</b>
<b>Volume</b>	737	875	<b>1594</b>
<b>P.H.F.</b>	0.96	0.88	<b>0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT34 S D St between 7th and 8th.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	0	5	12:00	26	28	
0:15	3	6	12:15	28	29	
0:30	2	1	12:30	30	22	
0:45	1 6	5 17	23	12:45	20 104	25 104
						208
1:00	2	2	13:00	38	25	
1:15	3	7	13:15	46	31	
1:30	1	4	13:30	40	30	
1:45	1 7	2 15	22	13:45	25 149	44 130
						279
2:00	1	2	14:00	34	35	
2:15	0	1	14:15	47	43	
2:30	3	1	14:30	28	39	
2:45	1 5	2 6	11	14:45	32 141	44 161
						302
3:00	5	0	15:00	25	37	
3:15	6	0	15:15	39	36	
3:30	8	0	15:30	49	54	
3:45	7 26	0 0	26	15:45	38 151	54 181
						332
4:00	6	3	16:00	36	58	
4:15	14	1	16:15	25	61	
4:30	12	4	16:30	30	54	
4:45	15 47	4 12	59	16:45	28 119	37 210
						329
5:00	17	3	17:00	31	51	
5:15	15	6	17:15	37	38	
5:30	18	8	17:30	22	29	
5:45	10 60	2 19	79	17:45	26 116	52 170
						286
6:00	10	9	18:00	26	34	
6:15	14	7	18:15	27	30	
6:30	23	8	18:30	36	36	
6:45	21 68	11 35	103	18:45	28 117	32 132
						249
7:00	15	13	19:00	29	29	
7:15	44	22	19:15	16	29	
7:30	59	30	19:30	15	31	
7:45	78 196	38 103	299	19:45	11 71	36 125
						196
8:00	62	46	20:00	18	18	
8:15	41	46	20:15	13	29	
8:30	37	28	20:30	12	22	
8:45	24 164	28 148	312	20:45	13 56	21 90
						146
9:00	28	25	21:00	6	14	
9:15	30	25	21:15	7	17	
9:30	35	28	21:30	8	21	
9:45	22 115	26 104	219	21:45	10 31	16 68
						99
10:00	21	21	22:00	2	11	
10:15	23	16	22:15	5	6	
10:30	27	28	22:30	5	10	
10:45	20 91	31 96	187	22:45	8 20	8 35
						55
11:00	22	16	23:00	6	3	
11:15	28	31	23:15	2	13	
11:30	27	28	23:30	2	7	
11:45	28 105	22 97	202	23:45	2 12	11 34
						46
<b>Total Vol.</b>	890	652	<b>1542</b>	1087	1440	<b>2527</b>

<b>Daily Totals</b>		
	NB	SB
	1977	2092

<b>AM</b>			<b>PM</b>		
<b>Split %</b>	57.7%	42.3%	<b>37.9%</b>	43.0%	57.0%
<b>Peak Hour</b>	7:15	7:30	<b>7:30</b>	15:15	15:30
<b>Volume</b>	243	160	<b>400</b>	162	227
<b>P.H.F.</b>	0.78	0.87	<b>0.86</b>	0.84	0.93

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

## ADT43 Ellis between Plaza Way and Perris.

Prepared by AimTD LLC tel. 714 253 7888

AM Period	EB	WB	PM Period			EB	WB
0:00	1	1		12:00		8	12
0:15	0	1		12:15		6	9
0:30	0	0		12:30		2	7
0:45	0	1	1	12:45	4	9	25
						7	35
							60
1:00	0	1		13:00		6	5
1:15	0	0		13:15		3	15
1:30	0	0		13:30		9	19
1:45	0	0	1	13:45	1	5	23
						11	50
							73
2:00	0	0		14:00		3	5
2:15	0	0		14:15		3	11
2:30	0	1		14:30		3	12
2:45	0	0	1	14:45	1	2	11
						9	37
							48
3:00	0	0		15:00		6	11
3:15	1	0		15:15		6	13
3:30	0	0		15:30		5	10
3:45	1	2	0	15:45	0	7	24
						18	52
							76
4:00	4	0		16:00		4	18
4:15	3	0		16:15		3	9
4:30	4	0		16:30		4	22
4:45	2	13	2	16:45	2	5	16
						10	59
							75
5:00	0	3		17:00		9	12
5:15	4	3		17:15		2	11
5:30	2	0		17:30		5	10
5:45	2	8	1	17:45	7	8	24
						17	50
							74
6:00	4	1		18:00		6	13
6:15	3	2		18:15		3	7
6:30	1	3		18:30		5	15
6:45	4	12	3	18:45	9	5	19
						14	49
							68
7:00	5	4		19:00		9	14
7:15	10	3		19:15		9	16
7:30	9	8		19:30		7	15
7:45	11	35	8	19:45	23	6	31
						13	58
							89
8:00	4	17		20:00		3	5
8:15	6	8		20:15		1	16
8:30	7	2		20:30		2	9
8:45	4	21	5	20:45	32	0	6
					53	6	36
							42
9:00	2	3		21:00		2	7
9:15	6	2		21:15		4	8
9:30	5	6		21:30		3	5
9:45	4	17	5	21:45	16	2	11
					33	7	27
							38
10:00	0	6		22:00		2	8
10:15	4	6		22:15		2	6
10:30	2	10		22:30		2	7
10:45	5	11	9	22:45	31	3	9
					42	6	27
							36
11:00	4	7		23:00		0	6
11:15	6	7		23:15		1	5
11:30	5	8		23:30		0	4
11:45	5	20	6	23:45	28	0	1
					48	2	17
							18
<b>Total Vol.</b>	140	153	<b>293</b>			200	497
							<b>697</b>

<b>Daily Totals</b>		
EB	WB	Combined
340	650	<b>990</b>

<b>AM</b>			<b>PM</b>		
<b>Split %</b>	47.8%	52.2%	<b>29.6%</b>	28.7%	71.3%
<b>Peak Hour</b>	7:00	7:30	<b>7:30</b>	19:00	15:45
<b>Volume P.H.F.</b>	35 0.80	41 0.60	<b>71 0.85</b>	31 0.86	67 0.76
					<b>89 0.89</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT44 Ellis between Goetz and Case.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	1	1	12:00			0	2
0:15	0	0	12:15			2	1
0:30	0	0	12:30			0	1
0:45	0	1	0	1	2	12:45	1 3 2 6 9
1:00	0	0	13:00			1	0
1:15	0	0	13:15			0	1
1:30	0	0	13:30			1	0
1:45	0	0	0	0		13:45	1 3 0 1 4
2:00	0	0	14:00			0	0
2:15	1	0	14:15			2	1
2:30	0	0	14:30			0	2
2:45	0	1	0	0	1	14:45	1 3 0 3 6
3:00	0	0	15:00			0	2
3:15	0	0	15:15			0	1
3:30	0	0	15:30			0	0
3:45	0	0	0	0		15:45	0 0 2 5 5
4:00	0	0	16:00			0	0
4:15	0	0	16:15			0	2
4:30	0	0	16:30			0	3
4:45	0	0	1	1	1	16:45	1 1 1 6 7
5:00	0	0	17:00			2	1
5:15	0	0	17:15			0	2
5:30	0	0	17:30			0	0
5:45	0	0	0	0		17:45	0 2 0 3 5
6:00	0	0	18:00			0	0
6:15	0	0	18:15			0	0
6:30	0	0	18:30			0	0
6:45	0	0	0	0		18:45	0 0 0 0 0
7:00	0	0	19:00			0	0
7:15	0	0	19:15			0	0
7:30	1	1	19:30			0	1
7:45	0	1	1	2	3	19:45	0 0 0 1 1
8:00	0	0	20:00			0	0
8:15	0	2	20:15			0	0
8:30	0	0	20:30			0	1
8:45	2	2	1	3	5	20:45	0 0 0 1 1
9:00	0	0	21:00			0	0
9:15	0	0	21:15			0	1
9:30	0	0	21:30			1	0
9:45	0	0	0	0		21:45	0 1 0 1 2
10:00	0	2	22:00			0	0
10:15	0	0	22:15			0	0
10:30	0	0	22:30			0	0
10:45	0	0	0	2	2	22:45	0 0 0 0 0
11:00	0	0	23:00			0	0
11:15	0	0	23:15			0	0
11:30	0	1	23:30			0	0
11:45	0	0	0	1	1	23:45	0 0 0 0 0

<b>Total Vol.</b>	5	10	<b>15</b>	13	27	<b>40</b>
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<b>Daily Totals</b>			
EB	WB	<b>Combined</b>	
18	37	<b>55</b>	

**AM**

<b>Split %</b>	33.3%	66.7%	<b>27.3%</b>	32.5%	67.5%	<b>72.7%</b>
<b>Peak Hour</b>	8:00	7:30	<b>11:30</b>	12:15	15:45	<b>16:15</b>
<b>Volume P.H.F.</b>	2 0.25	4 0.50	<b>6 0.50</b>	4 0.50	7 0.58	<b>10 0.83</b>

cs@aimtd.com

Tell. 714 253 7888

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT45 Ellis between Case and Redlands.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	4	8		12:00		32	39
0:15	1	2		12:15		33	35
0:30	2	3		12:30		39	33
0:45	2	9	10	23	32	12:45	47 151 27 134 285
1:00	3	1		13:00		33	25
1:15	1	2		13:15		36	23
1:30	0	0		13:30		32	36
1:45	3	7	3	6	13	13:45	31 132 27 111 243
2:00	1	1		14:00		27	31
2:15	4	3		14:15		48	33
2:30	1	1		14:30		31	36
2:45	5	11	3	8	19	14:45	33 139 45 145 284
3:00	3	3		15:00		49	44
3:15	7	1		15:15		44	29
3:30	7	3		15:30		41	45
3:45	6	23	6	13	36	15:45	28 162 38 156 318
4:00	7	4		16:00		42	44
4:15	8	3		16:15		40	47
4:30	11	5		16:30		32	53
4:45	17	43	14	26	69	16:45	38 152 29 173 325
5:00	13	3		17:00		29	50
5:15	22	5		17:15		21	42
5:30	14	15		17:30		35	40
5:45	15	64	12	35	99	17:45	43 128 33 165 293
6:00	23	10		18:00		31	48
6:15	35	4		18:15		33	45
6:30	29	11		18:30		37	25
6:45	33	120	23	48	168	18:45	31 132 27 145 277
7:00	28	11		19:00		22	29
7:15	44	19		19:15		20	30
7:30	53	28		19:30		18	15
7:45	52	177	35	93	270	19:45	19 79 24 98 177
8:00	47	34		20:00		19	19
8:15	27	35		20:15		17	17
8:30	24	27		20:30		11	15
8:45	23	121	20	116	237	20:45	19 66 22 73 139
9:00	28	19		21:00		12	16
9:15	24	19		21:15		16	15
9:30	20	18		21:30		9	17
9:45	24	96	16	72	168	21:45	9 46 19 67 113
10:00	30	21		22:00		17	4
10:15	7	15		22:15		4	7
10:30	12	16		22:30		8	9
10:45	21	70	25	77	147	22:45	3 32 5 25 57
11:00	24	43		23:00		6	7
11:15	27	30		23:15		5	6
11:30	30	30		23:30		2	7
11:45	37	118	31	134	252	23:45	2 15 3 23 38

<b>Total Vol.</b>	859	651	<b>1510</b>		1234	1315	<b>2549</b>
				<b>Daily Totals</b>			
				EB	WB	<b>Combined</b>	
				2093	1966	<b>4059</b>	

AM				PM			
<b>Split %</b>				<b>48.4% 51.6% 62.8%</b>			
<b>Peak Hour</b>				7:15 11:45 <b>7:15</b>			
<b>Volume P.H.F.</b>				196 138 <b>312</b>			
				0.92 0.88 <b>0.90</b>			

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT36 Ethanac between Hull and Case.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period				EB	WB
0:00	14	22		12:00			175	127
0:15	11	20		12:15			174	139
0:30	5	26		12:30			152	127
0:45	10	40	7	75	115	12:45	127	628
							139	532
								1160
1:00	7	17		13:00			156	128
1:15	8	12		13:15			166	162
1:30	9	13		13:30			196	117
1:45	9	33	14	56	89	13:45	215	733
							128	535
								1268
2:00	14	11		14:00			150	147
2:15	8	8		14:15			177	181
2:30	11	4		14:30			220	175
2:45	14	47	12	35	82	14:45	201	748
							196	699
								1447
3:00	17	12		15:00			170	203
3:15	20	6		15:15			170	188
3:30	32	10		15:30			175	205
3:45	27	96	12	40	136	15:45	152	667
							206	802
								1469
4:00	54	16		16:00			159	193
4:15	56	16		16:15			157	198
4:30	79	24		16:30			172	187
4:45	87	276	29	85	361	16:45	152	640
							194	772
								1412
5:00	92	35		17:00			174	177
5:15	88	35		17:15			158	195
5:30	93	49		17:30			173	197
5:45	126	399	73	192	591	17:45	158	663
							181	750
								1413
6:00	129	61		18:00			142	158
6:15	147	92		18:15			158	178
6:30	172	85		18:30			132	177
6:45	136	584	89	327	911	18:45	126	558
							172	685
								1243
7:00	143	115		19:00			106	150
7:15	240	115		19:15			104	119
7:30	284	98		19:30			108	118
7:45	269	936	150	478	1414	19:45	87	405
							117	504
								909
8:00	194	164		20:00			109	103
8:15	191	153		20:15			77	108
8:30	158	139		20:30			77	104
8:45	153	696	110	566	1262	20:45	67	330
							91	406
								736
9:00	140	90		21:00			62	98
9:15	136	119		21:15			45	88
9:30	139	87		21:30			41	87
9:45	119	534	82	378	912	21:45	41	189
							70	343
								532
10:00	140	89		22:00			38	64
10:15	111	100		22:15			39	47
10:30	145	117		22:30			28	44
10:45	143	539	99	405	944	22:45	22	127
							27	182
								309
11:00	134	113		23:00			23	44
11:15	138	110		23:15			15	42
11:30	138	120		23:30			19	31
11:45	151	561	137	480	1041	23:45	12	69
							19	136
								205

<b>Total Vol.</b>	4741	3117	<b>7858</b>		5757	6346	<b>12103</b>
				<b>Daily Totals</b>			
				EB	WB	<b>Combined</b>	
				10498	9463	<b>19961</b>	
<b>AM</b>				<b>PM</b>			
<b>Split %</b>	60.3%	39.7%	<b>39.4%</b>		47.6%	52.4%	<b>60.6%</b>
<b>Peak Hour</b>	7:15	7:45	<b>7:15</b>		14:15	15:00	<b>14:15</b>
<b>Volume P.H.F.</b>	987	606	<b>1514</b>		768	802	<b>1523</b>
	0.87	0.92	<b>0.90</b>		0.87	0.97	<b>0.96</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT37 Ethanac between Case and I-215 SB Ramps.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period				EB	WB
0:00	24	29		12:00			228	195
0:15	13	26		12:15			221	212
0:30	14	28		12:30			199	183
0:45	16	67	12	95	162	12:45	198	846
							199	789
								1635
1:00	18	18		13:00			207	208
1:15	14	15		13:15			222	219
1:30	11	15		13:30			259	185
1:45	12	55	16	64	119	13:45	261	949
							160	772
								1721
2:00	20	13		14:00			214	194
2:15	11	9		14:15			257	253
2:30	14	6		14:30			268	218
2:45	15	60	21	49	109	14:45	259	998
							259	924
								1922
3:00	21	13		15:00			231	275
3:15	25	12		15:15			235	264
3:30	36	14		15:30			223	268
3:45	35	117	25	64	181	15:45	220	909
							273	1080
								1989
4:00	59	27		16:00			256	270
4:15	71	33		16:15			222	263
4:30	89	37		16:30			241	240
4:45	93	312	55	152	464	16:45	210	929
							256	1029
								1958
5:00	110	52		17:00			206	250
5:15	100	54		17:15			218	249
5:30	116	76		17:30			207	247
5:45	142	468	99	281	749	17:45	220	851
							224	970
								1821
6:00	145	86		18:00			185	214
6:15	160	114		18:15			201	244
6:30	194	119		18:30			182	248
6:45	174	673	132	451	1124	18:45	166	734
							211	917
								1651
7:00	171	151		19:00			164	191
7:15	265	161		19:15			159	160
7:30	336	147		19:30			153	153
7:45	286	1058	236	695	1753	19:45	118	594
							148	652
								1246
8:00	253	229		20:00			133	133
8:15	237	220		20:15			133	137
8:30	207	228		20:30			115	135
8:45	195	892	177	854	1746	20:45	86	467
							125	530
								997
9:00	197	154		21:00			104	111
9:15	180	176		21:15			88	103
9:30	180	143		21:30			62	83
9:45	163	720	148	621	1341	21:45	53	307
							81	378
								685
10:00	164	163		22:00			51	59
10:15	162	151		22:15			43	52
10:30	168	177		22:30			43	48
10:45	185	679	162	653	1332	22:45	32	169
							43	202
								371
11:00	177	170		23:00			39	52
11:15	171	169		23:15			26	40
11:30	204	208		23:30			25	37
11:45	201	753	195	742	1495	23:45	21	111
							22	151
								262
<b>Total Vol.</b>	5854	4721	<b>10575</b>				7864	8394
								<b>16258</b>

**Daily Totals**

EB      WB      Combined

13718      13115      26833

AM	PM
<b>Split %</b>	48.4%      51.6% <b>60.6%</b>
<b>Peak Hour</b>	14:15      15:00 <b>14:15</b>
<b>Volume P.H.F.</b>	1015      1080 <b>2020</b>
	0.95      0.98 <b>0.97</b>

Tuesday, April 25, 2023

CITY: Perris

PROJECT: SC3860

**ADT42 Ethanac between Trumble and Sherman.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period	EB	WB	
0:00	13	7	12:00	87	72	
0:15	7	3	12:15	130	70	
0:30	5	7	12:30	101	95	
0:45	10	35	55	137	455	68 305
						760
1:00	7	7	13:00	115	105	
1:15	5	1	13:15	157	119	
1:30	10	3	13:30	130	90	
1:45	20	42	62	143	545	133 447
						992
2:00	5	11	14:00	143	128	
2:15	7	12	14:15	180	113	
2:30	9	16	14:30	150	106	
2:45	11	32	93	136	609	131 478
						1087
3:00	12	22	15:00	138	97	
3:15	11	25	15:15	143	99	
3:30	19	31	15:30	154	96	
3:45	36	78	195	157	592	111 403
						995
4:00	37	46	16:00	167	91	
4:15	38	50	16:15	144	98	
4:30	33	60	16:30	132	78	
4:45	47	155	390	152	595	92 359
						954
5:00	59	75	17:00	137	88	
5:15	82	64	17:15	140	70	
5:30	95	78	17:30	128	63	
5:45	91	327	641	84	489	57 278
						767
6:00	92	89	18:00	79	70	
6:15	126	87	18:15	87	60	
6:30	204	84	18:30	84	51	
6:45	118	540	920	89	339	53 234
						573
7:00	122	128	19:00	80	52	
7:15	92	116	19:15	72	39	
7:30	121	85	19:30	64	26	
7:45	95	430	835	50	266	35 152
						418
8:00	97	58	20:00	46	35	
8:15	80	64	20:15	64	24	
8:30	81	67	20:30	43	26	
8:45	53	311	564	55	208	30 115
						323
9:00	87	71	21:00	43	18	
9:15	74	59	21:15	39	12	
9:30	92	56	21:30	23	22	
9:45	89	342	604	33	138	14 66
						204
10:00	77	69	22:00	20	15	
10:15	100	71	22:15	19	8	
10:30	86	73	22:30	12	9	
10:45	118	381	656	12	63	6 38
						101
11:00	95	71	23:00	21	13	
11:15	121	54	23:15	16	9	
11:30	97	88	23:30	14	3	
11:45	96	409	702	7	58	4 29
						87

<b>Total Vol.</b>	3082	2635	<b>5717</b>	4357	2904	<b>7261</b>
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**Daily Totals**

EB	WB	<b>Combined</b>
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7439	5539	<b>12978</b>
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**PM**

Split %	53.9%	46.1%	<b>44.1%</b>	60.0%	40.0%	<b>55.9%</b>
<b>Peak Hour</b>	6:15	6:45	<b>6:15</b>	15:30	13:45	<b>13:45</b>
<b>Volume</b>	570	449	<b>989</b>	622	480	<b>1096</b>
<b>P.H.F.</b>	0.70	0.88	<b>0.86</b>	0.97	0.90	<b>0.94</b>

Tuesday, April 25, 2023

CITY: Perris

PROJECT: SC3860

**ADT30 S G St between 2nd and 3rd****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	0	0	12:00	29	41	
0:15	0	5	12:15	23	20	
0:30	0	1	12:30	26	30	
0:45	0 0	1 7	7	12:45 34	112 39	130 242
1:00	0	1	13:00	30	29	
1:15	0	2	13:15	25	29	
1:30	0	2	13:30	17	23	
1:45	0 0	0 5	5	13:45 29	101 36	117 218
2:00	1	1	14:00	22	19	
2:15	1	0	14:15	26	33	
2:30	0	0	14:30	15	28	
2:45	1 3	1 2	5	14:45 23	86 24	104 190
3:00	2	0	15:00	28	30	
3:15	5	1	15:15	23	29	
3:30	2	0	15:30	23	33	
3:45	1 10	2 3	13	15:45 19	93 33	125 218
4:00	1	4	16:00	25	32	
4:15	5	4	16:15	24	23	
4:30	0	3	16:30	20	30	
4:45	8 14	7 18	32	16:45 16	85 26	111 196
5:00	8	9	17:00	37	27	
5:15	13	10	17:15	17	26	
5:30	9	20	17:30	14	13	
5:45	8 38	20 59	97	17:45 17	85 20	86 171
6:00	9	12	18:00	13	19	
6:15	8	19	18:15	21	26	
6:30	13	14	18:30	17	12	
6:45	10 40	39 84	124	18:45 11	62 15	72 134
7:00	12	27	19:00	11	17	
7:15	17	17	19:15	6	9	
7:30	13	27	19:30	13	13	
7:45	30 72	10 81	153	19:45 4	34 7	46 80
8:00	27	18	20:00	9	9	
8:15	22	29	20:15	9	10	
8:30	22	34	20:30	4	11	
8:45	12 83	16 97	180	20:45 6	28 9	39 67
9:00	16	17	21:00	10	6	
9:15	8	12	21:15	4	5	
9:30	14	14	21:30	5	6	
9:45	17 55	28 71	126	21:45 4	23 3	20 43
10:00	18	28	22:00	4	0	
10:15	24	25	22:15	1	4	
10:30	17	35	22:30	4	7	
10:45	20 79	30 118	197	22:45 1	10 7	18 28
11:00	18	40	23:00	2	1	
11:15	17	18	23:15	0	4	
11:30	19	36	23:30	1	2	
11:45	20 74	30 124	198	23:45 0	3 0	7 10
<b>Total Vol.</b>	468	669	<b>1137</b>	722	875	<b>1597</b>
					<b>Daily Totals</b>	
				<b>NB</b>	<b>SB</b>	<b>Combined</b>
				1190	1544	<b>2734</b>
						<b>PM</b>
<b>Split %</b>	41.2%	58.8%	<b>41.6%</b>	45.2%	54.8%	<b>58.4%</b>
<b>Peak Hour</b>	7:45	10:15	<b>11:45</b>	12:30	12:00	<b>12:00</b>
<b>Volume</b>	101	130	<b>219</b>	115	130	<b>242</b>
<b>P.H.F.</b>	0.84	0.81	<b>0.78</b>	0.88	0.79	<b>0.83</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT31 S G St between 7th and 9th****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	1	3	12:00	23	37	
0:15	1	2	12:15	25	34	
0:30	2	1	12:30	20	24	
0:45	0 4	1 7	11	12:45 23	91 31 126	217
1:00	1	1	13:00	26	24	
1:15	0	0	13:15	17	32	
1:30	0	0	13:30	21	30	
1:45	0 1	0 1	2	13:45 24	88 27 113	201
2:00	1	1	14:00	22	23	
2:15	1	0	14:15	21	39	
2:30	1	2	14:30	27	35	
2:45	0 3	0 3	6	14:45 26	96 24 121	217
3:00	2	1	15:00	21	34	
3:15	1	3	15:15	24	30	
3:30	2	3	15:30	23	46	
3:45	1 6	2 9	15	15:45 27	95 30 140	235
4:00	3	3	16:00	17	27	
4:15	2	5	16:15	21	28	
4:30	3	4	16:30	24	21	
4:45	3 11	8 20	31	16:45 19	81 24 100	181
5:00	4	8	17:00	26	30	
5:15	6	5	17:15	17	15	
5:30	15	23	17:30	16	25	
5:45	17 42	17 53	95	17:45 14	73 13 83	156
6:00	16	14	18:00	14	21	
6:15	9	6	18:15	9	19	
6:30	12	12	18:30	10	17	
6:45	13 50	12 44	94	18:45 12	45 25 82	127
7:00	26	33	19:00	13	22	
7:15	34	26	19:15	10	20	
7:30	26	27	19:30	11	10	
7:45	29 115	34 120	235	19:45 14	48 17 69	117
8:00	31	46	20:00	8	11	
8:15	26	31	20:15	7	11	
8:30	15	23	20:30	6	16	
8:45	24 96	23 123	219	20:45 6	27 10 48	75
9:00	28	14	21:00	5	8	
9:15	25	27	21:15	2	5	
9:30	16	30	21:30	6	7	
9:45	14 83	14 85	168	21:45 4	17 9 29	46
10:00	17	15	22:00	5	2	
10:15	15	11	22:15	4	6	
10:30	14	26	22:30	4	5	
10:45	24 70	32 84	154	22:45 2	15 4 17	32
11:00	25	31	23:00	1	3	
11:15	17	27	23:15	2	7	
11:30	23	30	23:30	1	4	
11:45	18 83	31 119	202	23:45 3	7 2 16	23
<b>Total Vol.</b>	564	668	<b>1232</b>	683	944	<b>1627</b>
					<b>Daily Totals</b>	
				<b>NB</b>	<b>SB</b>	<b>Combined</b>
				1247	1612	<b>2859</b>
						<b>PM</b>
<b>Split %</b>	45.8%	54.2%	<b>43.1%</b>	42.0%	58.0%	<b>56.9%</b>
<b>Peak Hour</b>	7:15	7:30	<b>7:15</b>	14:30	15:00	<b>15:00</b>
<b>Volume</b>	120	138	<b>253</b>	98	140	<b>235</b>
<b>P.H.F.</b>	0.88	0.75	<b>0.82</b>	0.88	0.76	<b>0.85</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT8 Javis between Ruby and Corte San Luis.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period	EB	WB	
0:00	0	2	12:00	35	31	
0:15	3	1	12:15	36	17	
0:30	5	3	12:30	35	38	
0:45	6 14	3 9	23	47 153	39 125	278
1:00	1	2	13:00	32	37	
1:15	1	1	13:15	62	45	
1:30	1	3	13:30	50	25	
1:45	3 6	0 6	12	31 175	29 136	311
2:00	0	0	14:00	28	32	
2:15	0	0	14:15	39	28	
2:30	2	0	14:30	43	22	
2:45	3 5	4 4	9	38 148	38 120	268
3:00	1	1	15:00	41	39	
3:15	1	2	15:15	37	36	
3:30	2	7	15:30	42	33	
3:45	1 5	5 15	20	53 173	37 145	318
4:00	1	3	16:00	44	28	
4:15	6	11	16:15	53	37	
4:30	3	11	16:30	58	29	
4:45	2 12	12 37	49	54 209	50 144	353
5:00	11	8	17:00	47	34	
5:15	3	18	17:15	49	29	
5:30	9	12	17:30	52	39	
5:45	4 27	8 46	73	34 182	39 141	323
6:00	9	15	18:00	52	28	
6:15	10	12	18:15	41	34	
6:30	10	30	18:30	42	28	
6:45	11 40	19 76	116	32 167	27 117	284
7:00	9	29	19:00	38	28	
7:15	33	40	19:15	24	23	
7:30	48	53	19:30	38	17	
7:45	57 147	53 175	322	29 129	19 87	216
8:00	60	81	20:00	39	13	
8:15	53	46	20:15	23	23	
8:30	32	31	20:30	23	20	
8:45	21 166	37 195	361	29 114	14 70	184
9:00	27	25	21:00	24	14	
9:15	14	33	21:15	15	8	
9:30	26	28	21:30	34	15	
9:45	25 92	20 106	198	17 90	12 49	139
10:00	20	20	22:00	13	6	
10:15	14	24	22:15	14	6	
10:30	28	14	22:30	4	5	
10:45	16 78	24 82	160	12 43	5 22	65
11:00	24	23	23:00	8	3	
11:15	25	32	23:15	7	4	
11:30	24	25	23:30	8	2	
11:45	34 107	28 108	215	5 28	5 14	42
<b>Total Vol.</b>	699	859	<b>1558</b>	1611	1170	<b>2781</b>

<b>Daily Totals</b>		
EB	WB	Combined
2310	2029	4339

<b>AM</b>			<b>PM</b>		
Split %	44.9%	55.1%	35.9%	57.9%	42.1%
Peak Hour	7:30	7:30	7:30	16:15	12:30
Volume	218	233	451	212	159
P.H.F.	0.91	0.72	0.80	0.94	0.88

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

## ADT25 Mountain between Yucateca and S A St.

Prepared by AimTD LLC tel. 714 253 7888

AM Period	EB	WB	PM Period				EB	WB
0:00	3	0		12:00			29	16
0:15	1	1		12:15			10	16
0:30	0	0		12:30			10	19
0:45	1	5	1	2	7	12:45	10	59
							14	65
								124
1:00		1	0		13:00			16
1:15		0	0		13:15			35
1:30		0	0		13:30			25
1:45		1	2	2	4	13:45		
							22	98
							19	82
								180
2:00		0	0		14:00			47
2:15		1	0		14:15			33
2:30		1	1		14:30			18
2:45		1	3	0	1	14:45		
							25	123
							10	76
								199
3:00		1	3		15:00			27
3:15		2	0		15:15			25
3:30		0	4		15:30			23
3:45		1	4	4	11	15:45		
							57	132
							19	81
								213
4:00		1	1		16:00			49
4:15		0	5		16:15			36
4:30		1	7		16:30			30
4:45		3	5	2	15	16:45		
							20	135
							11	61
								196
5:00		4	5		17:00			19
5:15		2	4		17:15			20
5:30		4	7		17:30			21
5:45		3	13	10	26	17:45		
							35	95
							22	82
								177
6:00		2	14		18:00			23
6:15		7	7		18:15			9
6:30		7	7		18:30			11
6:45		9	25	5	33	18:45		
							16	59
							13	51
								110
7:00		3	17		19:00			14
7:15		16	28		19:15			12
7:30		35	78		19:30			9
7:45		38	92	105	228	19:45		
							15	50
							12	40
								90
8:00		43	34		20:00			4
8:15		18	15		20:15			13
8:30		21	8		20:30			9
8:45		6	88	12	69	20:45		
							18	44
							13	25
								69
9:00		10	9		21:00			11
9:15		5	7		21:15			12
9:30		10	10		21:30			8
9:45		12	37	14	40	21:45		
							5	36
							3	24
								60
10:00		5	7		22:00			14
10:15		7	3		22:15			4
10:30		11	13		22:30			7
10:45		9	32	11	34	22:45		
							4	29
							4	17
								46
11:00		11	9		23:00			3
11:15		14	9		23:15			5
11:30		11	16		23:30			4
11:45		8	44	16	50	23:45		
							3	15
							4	7
								22
<b>Total Vol.</b>	350	511	<b>861</b>				875	611
								<b>1486</b>

Daily Totals		
EB	WB	Combined
1225	1122	<b>2347</b>

**AM**

<b>Split %</b>	40.7%	59.3%	<b>36.7%</b>		58.9%	41.1%	<b>63.3%</b>
<b>Peak Hour</b>	7:30	7:15	<b>7:15</b>		15:45	13:15	<b>15:45</b>
<b>Volume P.H.F.</b>	134	245	<b>377</b>		172	87	<b>241</b>
	0.78	0.58	<b>0.66</b>		0.75	0.75	<b>0.79</b>

cs@aimtd.com

Tell. 714 253 7888

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

## ADT1 Murrieta between Patriot Ln and San Jacinto.

Prepared by AimTD LLC tel. 714 253 7888

AM Period	NB	SB		PM Period	NB	SB	
0:00	2	3		12:00	30	50	
0:15	4	3		12:15	16	26	
0:30	2	2		12:30	39	12	
0:45	4	12	2 10	22	12:45	33 118	20 108
							226
1:00	6	3		13:00	42	24	
1:15	1	1		13:15	35	73	
1:30	0	0		13:30	31	28	
1:45	1	8	0 4	12	13:45	29 137	26 151
							288
2:00	0	0		14:00	33	19	
2:15	0	2		14:15	44	33	
2:30	2	4		14:30	36	28	
2:45	4	6	2 8	14	14:45	37 150	39 119
							269
3:00	4	3		15:00	38	30	
3:15	1	4		15:15	44	48	
3:30	1	8		15:30	56	33	
3:45	2	8	12 27	35	15:45	67 205	40 151
							356
4:00	1	12		16:00	59	59	
4:15	0	15		16:15	43	37	
4:30	3	22		16:30	60	42	
4:45	4	8	18 67	75	16:45	52 214	32 170
							384
5:00	5	13		17:00	63	44	
5:15	5	11		17:15	67	32	
5:30	11	25		17:30	75	24	
5:45	9	30	30 79	109	17:45	46 251	35 135
							386
6:00	23	29		18:00	39	31	
6:15	33	35		18:15	46	34	
6:30	44	38		18:30	65	27	
6:45	47	147	32 134	281	18:45	56 206	33 125
							331
7:00	59	38		19:00	40	41	
7:15	65	50		19:15	54	26	
7:30	68	72		19:30	33	19	
7:45	82	274	70 230	504	19:45	35 162	15 101
							263
8:00	55	77		20:00	27	21	
8:15	35	41		20:15	28	8	
8:30	22	43		20:30	33	10	
8:45	26	138	30 191	329	20:45	15 103	19 58
							161
9:00	21	22		21:00	34	26	
9:15	15	25		21:15	19	14	
9:30	20	29		21:30	24	12	
9:45	22	78	24 100	178	21:45	12 89	9 61
							150
10:00	19	29		22:00	13	6	
10:15	22	18		22:15	14	3	
10:30	20	23		22:30	7	5	
10:45	20	81	25 95	176	22:45	9 43	6 20
							63
11:00	19	12		23:00	14	1	
11:15	18	24		23:15	9	2	
11:30	15	18		23:30	9	4	
11:45	33	85	18 72	157	23:45	10 42	2 9
							51
<b>Total Vol.</b>	875	1017		<b>1892</b>	1720	1208	<b>2928</b>
							<b>Daily Totals</b>
					NB	SB	<b>Combined</b>
					2595	2225	<b>4820</b>
							<b>PM</b>
<b>Split %</b>	46.2%	53.8%	<b>39.3%</b>		58.7%	41.3%	<b>60.7%</b>
<b>Peak Hour</b>	7:00	7:15	<b>7:15</b>		16:45	15:15	<b>15:45</b>
<b>Volume</b>	274	269	<b>539</b>		257	180	<b>407</b>
<b>P.H.F.</b>	0.84	0.87	<b>0.89</b>		0.93	0.76	<b>0.86</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT13 Perris between Bowen and Mildred.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	14	5	12:00	163	172	
0:15	16	5	12:15	181	198	
0:30	13	4	12:30	180	198	
0:45	9 52	4 18	70	12:45	209 733	165 733 1466
1:00	7	7	13:00	181	188	
1:15	9	14	13:15	201	169	
1:30	17	11	13:30	189	168	
1:45	17 50	13 45	95	13:45	233 804	173 698 1502
2:00	8	11	14:00	170	246	
2:15	9	15	14:15	199	242	
2:30	7	39	14:30	315	232	
2:45	5 29	40 105	134	14:45	286 970	228 948 1918
3:00	15	54	15:00	241	183	
3:15	23	73	15:15	207	183	
3:30	21	89	15:30	212	179	
3:45	67 126	78 294	420	15:45	197 857	197 742 1599
4:00	45	56	16:00	212	156	
4:15	45	75	16:15	195	177	
4:30	47	125	16:30	207	177	
4:45	59 196	84 340	536	16:45	189 803	190 700 1503
5:00	55	86	17:00	157	171	
5:15	49	100	17:15	194	169	
5:30	64	172	17:30	183	156	
5:45	71 239	170 528	767	17:45	172 706	164 660 1366
6:00	95	188	18:00	181	142	
6:15	115	174	18:15	160	143	
6:30	130	230	18:30	159	141	
6:45	142 482	278 870	1352	18:45	141 641	134 560 1201
7:00	181	301	19:00	145	106	
7:15	216	319	19:15	116	97	
7:30	138	173	19:30	119	75	
7:45	146 681	130 923	1604	19:45	127 507	76 354 861
8:00	132	139	20:00	97	91	
8:15	115	131	20:15	93	58	
8:30	123	123	20:30	87	56	
8:45	87 457	125 518	975	20:45	82 359	70 275 634
9:00	125	123	21:00	82	42	
9:15	129	138	21:15	50	43	
9:30	143	147	21:30	43	49	
9:45	130 527	136 544	1071	21:45	67 242	34 168 410
10:00	128	150	22:00	60	20	
10:15	139	162	22:15	62	17	
10:30	133	155	22:30	45	20	
10:45	170 570	134 601	1171	22:45	36 203	15 72 275
11:00	144	202	23:00	25	11	
11:15	166	143	23:15	25	12	
11:30	176	148	23:30	24	16	
11:45	180 666	163 656	1322	23:45	14 88	9 48 136

<b>Total Vol.</b>	4075	5442	<b>9517</b>	6913	5958	<b>12871</b>
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**Daily Totals**

NB	SB	<b>Combined</b>
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10988	11400	<b>22388</b>
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**PM**

Split %	42.8%	57.2%	<b>42.5%</b>	53.7%	46.3%	<b>57.5%</b>
<b>Peak Hour</b>	11:45	6:30	<b>6:30</b>	14:30	14:00	<b>14:15</b>
<b>Volume</b>	704	1128	<b>1797</b>	1049	948	<b>1926</b>
<b>P.H.F.</b>	0.97	0.88	<b>0.84</b>	0.86	0.96	<b>0.88</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT14 Perris between Jarvis and San Jacinto.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	6	22	12:00	148	120	
0:15	5	14	12:15	121	129	
0:30	7	13	12:30	138	131	
0:45	10	28	12:45	146	553	1078
1:00	8	15	13:00	140	142	
1:15	5	15	13:15	138	156	
1:30	1	9	13:30	146	140	
1:45	4	18	13:45	255	679	1266
2:00	6	6	14:00	146	168	
2:15	11	7	14:15	161	146	
2:30	6	11	14:30	154	164	
2:45	11	34	14:45	164	625	1287
3:00	8	7	15:00	181	135	
3:15	7	8	15:15	224	146	
3:30	19	9	15:30	206	236	
3:45	26	60	15:45	182	793	1533
4:00	40	10	16:00	167	180	
4:15	50	20	16:15	157	171	
4:30	52	25	16:30	163	172	
4:45	46	188	16:45	166	653	1333
5:00	30	50	17:00	134	160	
5:15	41	41	17:15	157	170	
5:30	85	54	17:30	162	153	
5:45	48	204	17:45	165	618	1246
6:00	63	56	18:00	151	144	
6:15	69	47	18:15	155	147	
6:30	138	78	18:30	143	135	
6:45	123	393	18:45	135	584	1158
7:00	137	91	19:00	108	126	
7:15	113	114	19:15	123	120	
7:30	168	146	19:30	116	107	
7:45	198	616	19:45	110	457	929
8:00	259	166	20:00	107	90	
8:15	241	191	20:15	77	92	
8:30	159	183	20:30	67	91	
8:45	110	769	20:45	76	327	687
9:00	114	128	21:00	60	75	
9:15	113	106	21:15	56	72	
9:30	104	125	21:30	49	52	
9:45	113	444	21:45	48	213	464
10:00	110	121	22:00	40	59	
10:15	104	123	22:15	36	43	
10:30	125	130	22:30	40	32	
10:45	115	454	22:45	27	143	333
11:00	111	104	23:00	22	41	
11:15	124	136	23:15	15	46	
11:30	147	113	23:30	19	33	
11:45	107	489	23:45	6	62	206
<b>Total Vol.</b>	3697	3386	<b>7083</b>	5707	5813	<b>11520</b>

**Daily Totals**

	NB	SB	Combined
	9404	9199	18603

**PM**

Split %	AM	PM
<b>Peak Hour</b>	<b>7:30</b>	<b>7:45</b>
<b>Volume</b>	866	793
<b>P.H.F.</b>	0.84	0.91
	<b>38.1%</b>	<b>61.9%</b>
	49.5%	50.5%
	15:00	15:30
	7083	1564
	5707	0.88
	5813	0.86

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT21 Perris between San Jacinto and 2nd.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	7	12	12:00	109	104	
0:15	5	13	12:15	93	111	
0:30	7	10	12:30	118	110	
0:45	13	32	12:45	113	433	871
	13	32		80	113	438
1:00	9	14	13:00	113	118	
1:15	4	13	13:15	122	132	
1:30	3	9	13:30	131	117	
1:45	4	20	13:45	240	606	1103
2:00	9	5	14:00	119	134	
2:15	12	6	14:15	128	119	
2:30	8	11	14:30	117	137	
2:45	11	40	14:45	127	491	1031
	11	40		70	150	540
3:00	5	10	15:00	127	101	
3:15	8	9	15:15	168	112	
3:30	18	7	15:30	149	149	
3:45	32	63	15:45	131	575	1112
	32	63		97	175	537
4:00	46	10	16:00	124	136	
4:15	53	18	16:15	124	136	
4:30	55	17	16:30	130	129	
4:45	55	209	16:45	132	510	1024
	55	209		313	113	514
5:00	38	39	17:00	94	118	
5:15	51	41	17:15	121	130	
5:30	87	47	17:30	130	117	
5:45	58	234	17:45	121	466	947
	58	234		406	116	481
6:00	66	45	18:00	111	101	
6:15	72	42	18:15	106	100	
6:30	129	68	18:30	103	106	
6:45	122	389	18:45	114	434	855
	122	389		613	114	421
7:00	132	74	19:00	68	95	
7:15	94	82	19:15	90	105	
7:30	130	118	19:30	72	80	
7:45	157	513	19:45	83	313	685
	157	513		907	92	372
8:00	197	108	20:00	74	76	
8:15	178	140	20:15	53	76	
8:30	124	145	20:30	57	74	
8:45	106	605	20:45	68	252	546
	106	605		1101	68	294
9:00	104	89	21:00	47	66	
9:15	109	92	21:15	47	61	
9:30	81	100	21:30	37	45	
9:45	99	393	21:45	45	176	391
	99	393		756	43	215
10:00	91	95	22:00	36	56	
10:15	89	102	22:15	38	36	
10:30	111	102	22:30	39	29	
10:45	101	392	22:45	26	139	308
	101	392		792	48	169
11:00	87	89	23:00	18	35	
11:15	100	118	23:15	12	42	
11:30	112	99	23:30	19	28	
11:45	99	398	23:45	7	56	183
	99	398		817	22	127
<b>Total Vol.</b>	3288	2727	<b>6015</b>	4451	4605	<b>9056</b>

**Daily Totals**

	NB	SB	Combined
	7739	7332	15071

**PM**

Split %	45.7%	45.3%	39.9%	49.1%	50.9%	60.1%
<b>Peak Hour</b>	7:30	7:45	<b>7:45</b>	13:30	15:30	<b>15:15</b>
<b>Volume P.H.F.</b>	662	513	<b>1169</b>	618	596	<b>1144</b>
	0.84	0.88	<b>0.92</b>	0.63	0.85	<b>0.93</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT32 Perris between 9th and 11th.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	3	10	12:00	68	51	
0:15	4	5	12:15	65	53	
0:30	4	7	12:30	75	43	
0:45	7	18	12:45	75	283	60 207
						490
1:00	6	4	13:00	60	55	
1:15	6	6	13:15	79	60	
1:30	4	6	13:30	63	61	
1:45	2	18	13:45	62	264	74 250
						514
2:00	6	1	14:00	65	77	
2:15	3	2	14:15	84	69	
2:30	9	4	14:30	56	75	
2:45	5	23	14:45	77	282	76 297
						579
3:00	4	3	15:00	70	69	
3:15	6	5	15:15	88	65	
3:30	13	6	15:30	70	78	
3:45	14	37	15:45	63	291	84 296
						587
4:00	25	0	16:00	74	105	
4:15	31	12	16:15	51	70	
4:30	35	5	16:30	74	74	
4:45	27	118	16:45	53	252	86 335
						587
5:00	34	28	17:00	63	76	
5:15	43	18	17:15	46	73	
5:30	51	16	17:30	70	75	
5:45	33	161	17:45	64	243	69 293
						536
6:00	45	19	18:00	49	70	
6:15	64	24	18:15	52	53	
6:30	87	31	18:30	50	56	
6:45	84	280	18:45	55	206	57 236
						442
7:00	87	31	19:00	50	48	
7:15	79	47	19:15	41	56	
7:30	100	64	19:30	50	38	
7:45	120	386	19:45	36	177	54 196
						373
8:00	127	65	20:00	37	39	
8:15	76	69	20:15	35	51	
8:30	57	55	20:30	27	40	
8:45	47	307	20:45	33	132	48 178
						310
9:00	54	31	21:00	18	29	
9:15	59	42	21:15	18	37	
9:30	49	49	21:30	24	23	
9:45	39	201	21:45	18	78	21 110
						188
10:00	43	44	22:00	15	24	
10:15	64	44	22:15	15	15	
10:30	55	39	22:30	14	14	
10:45	44	206	22:45	18	62	25 78
						140
11:00	52	42	23:00	8	27	
11:15	60	54	23:15	11	19	
11:30	59	64	23:30	15	14	
11:45	45	216	23:45	3	37	17 77
						114
<b>Total Vol.</b>	1971	1324	<b>3295</b>	2307	2553	<b>4860</b>
						<b>Daily Totals</b>
				NB	SB	<b>Combined</b>
				4278	3877	<b>8155</b>
						<b>PM</b>
<b>Split %</b>	59.8%	40.2%	<b>40.4%</b>	47.5%	52.5%	<b>59.6%</b>
<b>Peak Hour</b>	7:15	7:30	<b>7:30</b>	14:45	15:30	<b>15:15</b>
<b>Volume</b>	426	264	<b>687</b>	305	337	<b>627</b>
<b>P.H.F.</b>	0.84	0.96	<b>0.89</b>	0.92	0.80	<b>0.88</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT33 Perris between Midway and Ellis.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	1	2	12:00	5	18	
0:15	1	2	12:15	5	15	
0:30	0	0	12:30	7	18	
0:45	3	5	12:45	15	32	15 66
						98
1:00	0	1	13:00	7	13	
1:15	0	0	13:15	10	23	
1:30	0	1	13:30	10	20	
1:45	0	0	13:45	7	34	20 76
						110
2:00	0	0	14:00	7	13	
2:15	0	1	14:15	12	21	
2:30	0	3	14:30	8	23	
2:45	0	0	14:45	5	32	16 73
						105
3:00	1	0	15:00	5	14	
3:15	1	1	15:15	7	25	
3:30	0	0	15:30	8	21	
3:45	1	3	15:45	10	30	28 88
						118
4:00	4	0	16:00	11	30	
4:15	4	1	16:15	5	16	
4:30	3	1	16:30	7	20	
4:45	5	16	16:45	5	28	16 82
						110
5:00	2	9	17:00	6	20	
5:15	2	1	17:15	10	20	
5:30	5	5	17:30	7	17	
5:45	2	11	17:45	9	32	26 83
						115
6:00	5	6	18:00	6	20	
6:15	9	5	18:15	9	16	
6:30	6	4	18:30	5	19	
6:45	6	26	18:45	8	28	23 78
						106
7:00	6	5	19:00	4	17	
7:15	7	12	19:15	6	16	
7:30	11	22	19:30	3	15	
7:45	8	32	20:00	5	18	16 64
						82
8:00	7	19	20:00	8	11	
8:15	7	16	20:15	3	20	
8:30	5	10	20:30	5	11	
8:45	6	25	20:45	2	18	9 51
						69
9:00	4	9	21:00	3	9	
9:15	7	13	21:15	5	12	
9:30	5	16	21:30	4	6	
9:45	4	20	21:45	3	15	6 33
						48
10:00	1	8	22:00	2	9	
10:15	3	17	22:15	1	4	
10:30	5	11	22:30	1	5	
10:45	2	11	22:45	2	6	7 25
						31
11:00	6	10	23:00	2	10	
11:15	5	12	23:15	0	4	
11:30	5	13	23:30	0	5	
11:45	6	22	23:45	0	2	5 24
						26
<b>Total Vol.</b>	171	357	<b>528</b>	275	743	<b>1018</b>

<b>Daily Totals</b>		
	NB	SB
	446	1100

<b>AM</b>			<b>PM</b>		
<b>Split %</b>	32.4%	67.6%	<b>34.2%</b>	27.0%	73.0%
<b>Peak Hour</b>	7:15	7:30	<b>7:30</b>	12:45	15:15
<b>Volume</b>	33	77	<b>110</b>	42	104
<b>P.H.F.</b>	0.75	0.88	<b>0.83</b>	0.70	0.87

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT12 Redlands between Calle Del Alba and Mildred.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	9	11	12:00	80	124	
0:15	9	9	12:15	82	73	
0:30	10	7	12:30	77	84	
0:45	9 37	5 32	12:45	95 334	77 358	692
1:00	5	10	13:00	104	91	
1:15	7	7	13:15	98	124	
1:30	6	8	13:30	79	116	
1:45	6 24	10 35	13:45	102 383	99 430	813
2:00	2	4	14:00	82	100	
2:15	9	6	14:15	82	113	
2:30	5	2	14:30	97	94	
2:45	11 27	6 18	14:45	120 381	114 421	802
3:00	5	7	15:00	103	119	
3:15	8	9	15:15	109	112	
3:30	18	10	15:30	148	139	
3:45	18 49	10 36	15:45	114 474	126 496	970
4:00	16	20	16:00	122	141	
4:15	28	13	16:15	122	130	
4:30	33	25	16:30	100	132	
4:45	27 104	28 86	16:45	100 444	99 502	946
5:00	19	24	17:00	101	102	
5:15	37	18	17:15	104	92	
5:30	37	35	17:30	99	156	
5:45	64 157	24 101	17:45	105 409	93 443	852
6:00	43	30	18:00	73	100	
6:15	62	36	18:15	94	96	
6:30	63	93	18:30	82	127	
6:45	59 227	102 261	18:45	84 333	82 405	738
7:00	69	81	19:00	72	97	
7:15	127	85	19:15	56	90	
7:30	159	126	19:30	56	67	
7:45	187 542	110 402	19:45	55 239	68 322	561
8:00	144	118	20:00	56	73	
8:15	155	102	20:15	46	75	
8:30	124	75	20:30	36	61	
8:45	79 502	63 358	20:45	40 178	58 267	445
9:00	61	59	21:00	49	40	
9:15	85	59	21:15	41	60	
9:30	69	50	21:30	45	47	
9:45	56 271	57 225	21:45	22 157	47 194	351
10:00	68	58	22:00	33	32	
10:15	55	59	22:15	20	31	
10:30	55	62	22:30	25	34	
10:45	56 234	59 238	22:45	27 105	19 116	221
11:00	54	72	23:00	12	23	
11:15	65	68	23:15	30	16	
11:30	66	80	23:30	17	13	
11:45	82 267	72 292	23:45	17 76	14 66	142

<b>Total Vol.</b>	2441	2084	<b>4525</b>	3513	4020	<b>7533</b>
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**Daily Totals****Combined**

NB	SB	
5954	6104	<b>12058</b>

**PM**

Split %	53.9%	46.1%	<b>37.5%</b>	46.6%	53.4%	<b>62.5%</b>
<b>Peak Hour</b>	7:30	7:30	<b>7:30</b>	15:30	15:30	<b>15:30</b>
<b>Volume</b>	645	456	<b>1101</b>	506	536	<b>1042</b>
<b>P.H.F.</b>	0.86	0.90	<b>0.93</b>	0.85	0.95	<b>0.91</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT11 Redlands between Dale and San Jacinto.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	15	7	12:00	80	102	
0:15	10	10	12:15	74	99	
0:30	14	7	12:30	101	81	
0:45	6 45	9 33	78	12:45	102 357	89 371
						728
1:00	8	3	13:00	113	81	
1:15	11	10	13:15	92	109	
1:30	15	8	13:30	106	103	
1:45	9 43	14 35	78	13:45	93 404	110 403
						807
2:00	6	6	14:00	100	94	
2:15	6	7	14:15	108	97	
2:30	3	7	14:30	108	101	
2:45	3 18	13 33	51	14:45	98 414	135 427
						841
3:00	3	6	15:00	112	138	
3:15	5	13	15:15	115	112	
3:30	10	17	15:30	150	140	
3:45	9 27	20 56	83	15:45	136 513	146 536
						1049
4:00	8	27	16:00	141	138	
4:15	10	42	16:15	135	121	
4:30	11	58	16:30	136	118	
4:45	16 45	44 171	216	16:45	118 530	107 484
						1014
5:00	17	32	17:00	113	130	
5:15	18	59	17:15	116	115	
5:30	23	61	17:30	121	140	
5:45	22 80	70 222	302	17:45	109 459	93 478
						937
6:00	25	67	18:00	116	88	
6:15	31	80	18:15	132	88	
6:30	93	79	18:30	118	84	
6:45	84 233	89 315	548	18:45	102 468	76 336
						804
7:00	81	80	19:00	92	77	
7:15	123	120	19:15	112	53	
7:30	130	148	19:30	74	62	
7:45	133 467	136 484	951	19:45	69 347	53 245
						592
8:00	115	144	20:00	75	54	
8:15	103	141	20:15	86	45	
8:30	60	114	20:30	73	57	
8:45	66 344	89 488	832	20:45	56 290	42 198
						488
9:00	67	57	21:00	43	66	
9:15	49	77	21:15	59	33	
9:30	70	91	21:30	51	48	
9:45	47 233	71 296	529	21:45	31 184	28 175
						359
10:00	67	82	22:00	45	30	
10:15	65	61	22:15	30	23	
10:30	55	71	22:30	46	26	
10:45	66 253	72 286	539	22:45	27 148	29 108
						256
11:00	71	74	23:00	31	12	
11:15	78	73	23:15	17	23	
11:30	71	84	23:30	13	19	
11:45	86 306	90 321	627	23:45	19 80	14 68
						148
<b>Total Vol.</b>	2094	2740	<b>4834</b>	4194	3829	<b>8023</b>

**Daily Totals****Combined**

NB SB

6288 6569

**12857****PM**

Split %	43.3%	56.7%	37.6%	52.3%	47.7%	62.4%
<b>Peak Hour</b>	7:15	7:30	<b>7:30</b>	15:30	15:30	<b>15:30</b>
<b>Volume</b>	501	569	<b>1050</b>	562	545	<b>1107</b>
<b>P.H.F.</b>	0.94	0.96	<b>0.94</b>	0.95	0.93	<b>0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT10 Redlands between San Jacinto and I-215 NB Ramps.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB						
0:00	32	21	12:00	164	219						
0:15	29	15	12:15	159	194						
0:30	24	14	12:30	194	147						
0:45	22	107	176	12:45	225	742	154	714	1456		
1:00	21	9	13:00	225	165						
1:15	22	10	13:15	190	238						
1:30	27	15	13:30	235	201						
1:45	17	87	135	13:45	208	858	206	810	1668		
2:00	17	13	14:00	216	183						
2:15	16	13	14:15	256	180						
2:30	10	18	14:30	247	210						
2:45	17	60	120	14:45	262	981	232	805	1786		
3:00	8	16	15:00	273	235						
3:15	15	37	15:15	285	241						
3:30	11	42	15:30	325	227						
3:45	19	53	203	15:45	357	1240	235	938	2178		
4:00	22	69	16:00	336	275						
4:15	13	111	16:15	298	252						
4:30	20	141	16:30	346	239						
4:45	45	100	546	16:45	296	1276	217	983	2259		
5:00	35	108	17:00	339	224						
5:15	44	138	17:15	306	223						
5:30	51	167	17:30	311	256						
5:45	75	205	806	17:45	273	1229	177	880	2109		
6:00	74	175	18:00	269	175						
6:15	120	196	18:15	266	165						
6:30	178	209	18:30	266	170						
6:45	189	561	1353	18:45	275	1076	151	661	1737		
7:00	225	190	19:00	245	168						
7:15	248	257	19:15	282	132						
7:30	259	343	19:30	193	107						
7:45	292	1024	319	1109	2133	19:45	174	894	98	505	1399
8:00	267	271	20:00	165	89						
8:15	203	256	20:15	177	77						
8:30	138	242	20:30	161	96						
8:45	150	758	1710	20:45	143	646	85	347	993		
9:00	141	138	21:00	137	113						
9:15	128	177	21:15	125	81						
9:30	142	169	21:30	112	96						
9:45	125	536	1194	21:45	80	454	56	346	800		
10:00	134	160	22:00	94	52						
10:15	119	133	22:15	68	36						
10:30	140	150	22:30	86	39						
10:45	144	537	1122	22:45	57	305	45	172	477		
11:00	139	140	23:00	63	26						
11:15	130	146	23:15	48	32						
11:30	131	161	23:30	38	33						
11:45	180	580	1209	23:45	54	203	24	115	318		

<b>Total Vol.</b>	4608	6099	<b>10707</b>	9904	7276	<b>17180</b>
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**Daily Totals****Combined**

14512

13375

27887

**PM**

Split %	43.0%	57.0%	<b>38.4%</b>	57.6%	42.4%	<b>61.6%</b>
<b>Peak Hour</b>	7:15	7:15	<b>7:15</b>	15:45	15:45	<b>15:45</b>
<b>Volume</b>	1066	1190	<b>2256</b>	1337	1001	<b>2338</b>
<b>P.H.F.</b>	0.91	0.87	<b>0.92</b>	0.90	0.91	<b>0.96</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT9 Redlands between I-215 SB Ramps and 4th.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	25	28	12:00	226	246	
0:15	20	32	12:15	215	202	
0:30	14	21	12:30	207	181	
0:45	19	78	12:45	242	890	1704
1:00	14	11	13:00	238	189	
1:15	10	8	13:15	262	236	
1:30	20	12	13:30	225	215	
1:45	13	57	13:45	251	976	1837
2:00	14	13	14:00	250	204	
2:15	15	14	14:15	280	201	
2:30	19	15	14:30	288	214	
2:45	17	65	14:45	248	1066	1895
3:00	11	9	15:00	269	265	
3:15	32	20	15:15	282	213	
3:30	21	23	15:30	304	227	
3:45	24	88	15:45	281	1136	2091
4:00	35	45	16:00	283	262	
4:15	60	49	16:15	274	231	
4:30	63	59	16:30	335	221	
4:45	76	234	16:45	308	1200	2123
5:00	91	73	17:00	303	215	
5:15	100	87	17:15	274	213	
5:30	108	95	17:30	290	231	
5:45	116	415	17:45	274	1141	1996
6:00	128	97	18:00	289	192	
6:15	108	133	18:15	206	194	
6:30	149	134	18:30	214	161	
6:45	110	495	18:45	211	920	1643
7:00	155	191	19:00	211	175	
7:15	166	206	19:15	190	138	
7:30	207	243	19:30	150	126	
7:45	206	734	19:45	180	731	1317
8:00	207	229	20:00	126	76	
8:15	190	182	20:15	118	102	
8:30	138	183	20:30	109	99	
8:45	152	687	20:45	128	481	861
9:00	142	170	21:00	116	88	
9:15	167	167	21:15	81	78	
9:30	202	149	21:30	70	94	
9:45	182	693	21:45	69	336	653
10:00	167	162	22:00	66	65	
10:15	180	157	22:15	59	40	
10:30	179	184	22:30	66	41	
10:45	182	708	22:45	38	229	418
11:00	175	159	23:00	40	34	
11:15	178	156	23:15	31	32	
11:30	178	167	23:30	31	37	
11:45	230	761	23:45	30	132	258
<b>Total Vol.</b>	5015	5148	<b>10163</b>	9238	7558	<b>16796</b>
					<b>Daily Totals</b>	
				<b>NB</b>	<b>SB</b>	<b>Combined</b>
				14253	12706	26959
						<b>PM</b>
<b>Split %</b>	49.3%	50.7%	<b>37.7%</b>	55.0%	45.0%	<b>62.3%</b>
<b>Peak Hour</b>	11:45	7:15	<b>7:15</b>	16:15	15:30	<b>15:45</b>
<b>Volume P.H.F.</b>	878	929	<b>1715</b>	1220	970	<b>2137</b>
	0.95	0.93	<b>0.94</b>	0.91	0.93	<b>0.96</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT28 Redlands between 7th and Ellis.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	2	3	12:00	23	31	
0:15	1	1	12:15	35	46	
0:30	0	0	12:30	30	47	
0:45	2	5	10	12:45	25 113	46 170
						283
1:00	3	3	13:00	39	37	
1:15	3	5	13:15	36	55	
1:30	2	3	13:30	33	43	
1:45	5	13	31	13:45	44 152	28 163
						315
2:00	3	2	14:00	36	60	
2:15	2	10	14:15	30	45	
2:30	4	7	14:30	35	55	
2:45	7	16	40	14:45	47 148	38 198
						346
3:00	6	8	15:00	54	43	
3:15	7	5	15:15	42	38	
3:30	15	26	15:30	42	47	
3:45	24	52	103	15:45	37 175	34 162
						337
4:00	8	16	16:00	45	33	
4:15	9	25	16:15	36	25	
4:30	12	23	16:30	37	41	
4:45	20	49	136	16:45	32 150	47 146
						296
5:00	17	20	17:00	51	34	
5:15	19	29	17:15	42	31	
5:30	16	32	17:30	29	37	
5:45	30	82	196	17:45	27 149	34 136
						285
6:00	19	28	18:00	28	24	
6:15	18	48	18:15	33	19	
6:30	42	64	18:30	18	16	
6:45	41	120	308	18:45	24 103	21 80
						183
7:00	37	47	19:00	18	21	
7:15	36	40	19:15	19	16	
7:30	38	28	19:30	15	12	
7:45	24	135	278	19:45	29 81	16 65
						146
8:00	22	33	20:00	15	10	
8:15	21	29	20:15	15	16	
8:30	24	31	20:30	14	14	
8:45	22	89	207	20:45	18 62	13 53
						115
9:00	29	35	21:00	4	16	
9:15	22	24	21:15	4	2	
9:30	31	33	21:30	10	10	
9:45	40	122	241	21:45	6 24	5 33
						57
10:00	46	34	22:00	7	6	
10:15	35	38	22:15	5	5	
10:30	38	37	22:30	8	3	
10:45	45	164	314	22:45	2 22	2 16
						38
11:00	44	46	23:00	4	1	
11:15	44	39	23:15	1	3	
11:30	41	45	23:30	7	3	
11:45	37	166	352	23:45	6 18	1 8
						26

<b>Total Vol.</b>	1013	1203	<b>2216</b>	1197	1230	<b>2427</b>
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**Daily Totals**

<b>NB</b>	<b>SB</b>	<b>Combined</b>
2210	2433	<b>4643</b>

**PM**

Split %	45.7%	54.3%	<b>47.7%</b>	49.3%	50.7%	<b>52.3%</b>
<b>Peak Hour</b>	10:45	6:15	<b>6:30</b>	14:45	14:00	<b>14:30</b>
<b>Volume</b>	174	207	<b>355</b>	185	198	<b>352</b>
<b>P.H.F.</b>	0.97	0.81	<b>0.84</b>	0.86	0.83	<b>0.91</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

## ADT5 San Jacinto between N D St and Perris.

Prepared by AimTD LLC tel. 714 253 7888

AM Period	EB	WB	PM Period			EB	WB
0:00	2	8		12:00		56	48
0:15	1	3		12:15		44	46
0:30	3	6		12:30		58	58
0:45	1	7	6	23	30	12:45	57 215 64 216 431
1:00	3	6		13:00		50	51
1:15	1	2		13:15		46	56
1:30	2	3		13:30		46	73
1:45	2	8	0	11	19	13:45	71 213 70 250 463
2:00	0	7		14:00		49	54
2:15	0	3		14:15		49	61
2:30	2	3		14:30		61	54
2:45	2	4	6	19	23	14:45	48 207 58 227 434
3:00	6	2		15:00		59	64
3:15	4	3		15:15		57	47
3:30	3	9		15:30		67	114
3:45	5	18	11	25	43	15:45	80 263 86 311 574
4:00	4	15		16:00		64	78
4:15	9	19		16:15		45	74
4:30	9	27		16:30		42	86
4:45	11	33	30	91	124	16:45	55 206 75 313 519
5:00	11	29		17:00		51	74
5:15	21	31		17:15		53	71
5:30	23	36		17:30		60	63
5:45	19	74	39	135	209	17:45	72 236 60 268 504
6:00	25	32		18:00		65	67
6:15	17	33		18:15		68	61
6:30	38	46		18:30		48	46
6:45	32	112	42	153	265	18:45	35 216 55 229 445
7:00	25	43		19:00		40	41
7:15	46	59		19:15		49	30
7:30	66	58		19:30		42	37
7:45	70	207	81	241	448	19:45	26 157 34 142 299
8:00	83	89		20:00		36	31
8:15	88	92		20:15		36	36
8:30	47	65		20:30		21	27
8:45	39	257	59	305	562	20:45	19 112 28 122 234
9:00	34	59		21:00		14	24
9:15	40	62		21:15		17	21
9:30	47	53		21:30		13	11
9:45	47	168	39	213	381	21:45	13 57 20 76 133
10:00	28	33		22:00		14	9
10:15	44	59		22:15		5	12
10:30	38	56		22:30		5	13
10:45	30	140	46	194	334	22:45	8 32 14 48 80
11:00	44	49		23:00		10	9
11:15	44	62		23:15		9	6
11:30	51	45		23:30		5	10
11:45	39	178	44	200	378	23:45	1 25 2 27 52

<b>Total Vol.</b>	1206	1610	<b>2816</b>		1939	2229	<b>4168</b>
				<b>Daily Totals</b>			
				EB	WB	<b>Combined</b>	
				3145	3839	<b>6984</b>	

<b>AM</b>				<b>PM</b>			
<b>Split %</b>	42.8%	57.2%	<b>40.3%</b>		46.5%	53.5%	<b>59.7%</b>
<b>Peak Hour</b>	7:30	7:45	<b>7:30</b>		15:15	15:30	<b>15:30</b>
<b>Volume P.H.F.</b>	307 0.87	327 0.89	<b>627 0.87</b>		268 0.84	352 0.77	<b>608 0.84</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT6 San Jacinto between Perris and S G St.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period				EB	WB
0:00	5	0		12:00			24	39
0:15	1	2		12:15			26	38
0:30	1	1		12:30			32	31
0:45	0	7	1	4	11	12:45	33	115
							41	149
								264
1:00	1	2		13:00			29	33
1:15	0	0		13:15			25	27
1:30	1	0		13:30			23	42
1:45	0	2	1	3	5	13:45	47	124
							42	144
								268
2:00	0	3		14:00			39	37
2:15	0	1		14:15			25	43
2:30	1	0		14:30			23	26
2:45	0	1	2	6	7	14:45	22	109
							35	141
								250
3:00	1	3		15:00			19	44
3:15	2	1		15:15			30	42
3:30	1	6		15:30			29	46
3:45	2	6	3	13	19	15:45	34	112
							43	175
								287
4:00	0	5		16:00			33	46
4:15	2	7		16:15			16	43
4:30	5	12		16:30			20	54
4:45	5	12	7	31	43	16:45	22	91
							32	175
								266
5:00	8	7		17:00			22	43
5:15	10	10		17:15			27	41
5:30	9	13		17:30			30	29
5:45	11	38	9	39	77	17:45	25	104
							28	141
								245
6:00	13	6		18:00			39	38
6:15	8	16		18:15			32	27
6:30	9	16		18:30			17	26
6:45	16	46	14	52	98	18:45	14	102
							21	112
								214
7:00	13	19		19:00			19	29
7:15	20	20		19:15			18	17
7:30	33	35		19:30			11	23
7:45	32	98	36	110	208	19:45	16	64
							24	93
								157
8:00	31	41		20:00			15	29
8:15	25	41		20:15			15	23
8:30	15	30		20:30			11	10
8:45	25	96	18	130	226	20:45	13	54
							11	73
								127
9:00	35	31		21:00			2	16
9:15	15	27		21:15			6	8
9:30	17	21		21:30			4	7
9:45	37	104	25	104	208	21:45	4	16
							5	36
								52
10:00	29	27		22:00			7	3
10:15	21	30		22:15			6	4
10:30	25	29		22:30			3	9
10:45	22	97	28	114	211	22:45	6	22
							5	21
								43
11:00	23	37		23:00			7	4
11:15	14	38		23:15			5	1
11:30	18	33		23:30			3	3
11:45	22	77	24	132	209	23:45	3	18
							1	9
								27

<b>Total Vol.</b>	584	738	<b>1322</b>		931	1269	<b>2200</b>
<b>Daily Totals</b>							
				<b>EB</b>	<b>WB</b>	<b>Combined</b>	
				1515	2007	<b>3522</b>	
<b>AM</b>							
<b>Split %</b>	44.2%	55.8%	<b>37.5%</b>		42.3%	57.7%	<b>62.5%</b>
<b>Peak Hour</b>	7:30	7:30	<b>7:30</b>		13:15	15:45	<b>15:15</b>
<b>Volume P.H.F.</b>	121 0.92	153 0.93	<b>274 0.95</b>		134 0.71	186 0.86	<b>303 0.96</b>
<b>PM</b>							

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT7 San Jacinto between La Bonita and Redlands.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	4	5		12:00		28	47
0:15	4	9		12:15		43	37
0:30	6	4		12:30		28	33
0:45	2	16	4	22	38	12:45	
						50	149
1:00	3	3		13:00		44	42
1:15	3	5		13:15		46	45
1:30	8	5		13:30		39	58
1:45	3	17	6	19	36	13:45	
						44	173
2:00	3	1		14:00		53	27
2:15	0	1		14:15		39	49
2:30	2	1		14:30		45	47
2:45	5	10	6	9	19	14:45	
						38	175
3:00	5	2		15:00		33	47
3:15	4	9		15:15		56	52
3:30	7	5		15:30		44	54
3:45	6	22	2	18	40	15:45	
						31	164
4:00	8	9		16:00		50	49
4:15	15	9		16:15		48	55
4:30	21	13		16:30		58	51
4:45	17	61	18	49	110	16:45	
						54	210
5:00	17	8		17:00		51	52
5:15	20	22		17:15		57	54
5:30	27	14		17:30		55	42
5:45	30	94	21	65	159	17:45	
						36	199
6:00	29	19		18:00		44	51
6:15	25	29		18:15		49	41
6:30	44	25		18:30		44	40
6:45	20	118	22	95	213	18:45	
						31	168
7:00	18	22		19:00		48	47
7:15	44	43		19:15		38	29
7:30	63	62		19:30		28	38
7:45	54	179	56	183	362	19:45	
						25	139
8:00	35	65		20:00		26	37
8:15	49	45		20:15		35	32
8:30	42	45		20:30		32	29
8:45	40	166	46	201	367	20:45	
						19	112
9:00	30	33		21:00		15	28
9:15	34	40		21:15		23	23
9:30	35	34		21:30		13	25
9:45	36	135	30	137	272	21:45	
						16	67
10:00	29	29		22:00		12	22
10:15	18	15		22:15		11	9
10:30	21	27		22:30		7	12
10:45	34	102	29	100	202	22:45	
						9	39
11:00	33	26		23:00		11	5
11:15	28	29		23:15		3	8
11:30	38	41		23:30		6	8
11:45	63	162	20	116	278	23:45	
						9	29
<b>Total Vol.</b>	1082	1014	<b>2096</b>			1624	1765
						<b>3389</b>	

<b>Daily Totals</b>		
EB	WB	Combined
2706	2779	<b>5485</b>

<b>AM</b>			<b>PM</b>		
<b>Split %</b>	51.6%	48.4%	<b>38.2%</b>		47.9%
<b>Peak Hour</b>	7:30	7:30	<b>7:30</b>		16:30
<b>Volume P.H.F.</b>	201	228	<b>429</b>		220
0.80	0.88	<b>0.86</b>		0.95	0.94
					<b>424</b>
					<b>0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT3 San Jacinto between Redlands and Wilson.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	16	14		12:00		86	138
0:15	17	8		12:15		94	98
0:30	11	6		12:30		111	89
0:45	13	57	9	37	94	126	417
				12:45		73	398
							815
1:00	13	6		13:00		120	90
1:15	12	3		13:15		123	153
1:30	16	8		13:30		125	113
1:45	7	48	2	19	67	111	452
				13:45		479	931
2:00	11	5		14:00		132	79
2:15	10	7		14:15		140	85
2:30	7	10		14:30		146	118
2:45	14	42	4	26	68	173	591
				14:45		119	401
							992
3:00	9	11		15:00		176	126
3:15	6	25		15:15		183	138
3:30	3	25		15:30		192	114
3:45	10	28	31	92	120	237	788
				15:45		131	509
							1297
4:00	12	41		16:00		213	154
4:15	8	68		16:15		170	145
4:30	13	79		16:30		231	135
4:45	22	55	75	263	318	200	814
				16:45		125	559
							1373
5:00	23	72		17:00		250	119
5:15	29	84		17:15		205	120
5:30	36	101		17:30		235	148
5:45	52	140	108	365	505	175	865
				17:45		108	495
							1360
6:00	48	97		18:00		167	108
6:15	88	119		18:15		163	98
6:30	94	120		18:30		168	102
6:45	108	338	128	464	802	177	675
				18:45		85	393
							1068
7:00	155	125		19:00		168	105
7:15	139	150		19:15		180	80
7:30	144	209		19:30		128	64
7:45	183	621	209	693	1314	108	584
				19:45		54	303
							887
8:00	147	152		20:00		101	57
8:15	126	137		20:15		103	41
8:30	83	136		20:30		105	53
8:45	99	455	115	540	995	92	401
				20:45		56	207
							608
9:00	84	94		21:00		101	67
9:15	73	100		21:15		74	56
9:30	84	89		21:30		60	59
9:45	82	323	101	384	707	56	291
				21:45		35	217
							508
10:00	76	87		22:00		50	33
10:15	60	75		22:15		44	17
10:30	88	88		22:30		45	23
10:45	86	310	73	323	633	36	175
				22:45		25	98
							273
11:00	80	71		23:00		34	10
11:15	68	90		23:15		34	17
11:30	66	86		23:30		24	15
11:45	111	325	66	313	638	31	123
				23:45		7	49
							172

<b>Total Vol.</b>	2742	3519	<b>6261</b>		6203	4081	<b>10284</b>
<b>Daily Totals</b>							
	EB	WB	Combined				
	8945	7600	<b>16545</b>				
<b>AM</b>							
<b>Split %</b>	43.8%	56.2%	<b>37.8%</b>		60.3%	39.7%	<b>62.2%</b>
<b>Peak Hour</b>	7:00	7:15	<b>7:15</b>		16:45	15:45	<b>15:45</b>
<b>Volume P.H.F.</b>	621	720	<b>1333</b>		890	565	<b>1416</b>
	0.85	0.86	<b>0.85</b>		0.89	0.92	<b>0.96</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT4 San Jacinto between Wilson and Murrieta.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	7	9	12:00			71	109
0:15	16	6	12:15			84	73
0:30	7	7	12:30			92	78
0:45	13	43	7	29	72	12:45	93 340 63 323 663
1:00	11	4	13:00			93	62
1:15	7	1	13:15			88	136
1:30	9	3	13:30			105	99
1:45	4	31	2	10	41	13:45	89 375 73 370 745
2:00	9	3	14:00			115	68
2:15	4	6	14:15			119	78
2:30	8	10	14:30			132	88
2:45	9	30	3	22	52	14:45	146 512 87 321 833
3:00	8	10	15:00			145	110
3:15	5	16	15:15			151	103
3:30	3	21	15:30			167	108
3:45	8	24	31	78	102	15:45	195 658 127 448 1106
4:00	11	33	16:00			187	145
4:15	8	45	16:15			136	102
4:30	11	68	16:30			198	123
4:45	22	52	64	210	262	16:45	176 697 106 476 1173
5:00	26	58	17:00			218	85
5:15	25	68	17:15			172	106
5:30	35	88	17:30			210	97
5:45	50	136	85	299	435	17:45	139 739 82 370 1109
6:00	52	80	18:00			142	80
6:15	78	106	18:15			133	88
6:30	89	97	18:30			140	82
6:45	105	324	102	385	709	18:45	133 548 77 327 875
7:00	136	118	19:00			122	83
7:15	129	147	19:15			125	67
7:30	122	190	19:30			100	59
7:45	137	524	172	627	1151	19:45	94 441 48 257 698
8:00	115	136	20:00			83	49
8:15	111	113	20:15			80	31
8:30	73	116	20:30			89	38
8:45	81	380	101	466	846	20:45	69 321 45 163 484
9:00	72	91	21:00			83	51
9:15	66	79	21:15			59	32
9:30	74	69	21:30			54	34
9:45	64	276	81	320	596	21:45	47 243 19 136 379
10:00	61	71	22:00			37	18
10:15	49	60	22:15			38	14
10:30	73	73	22:30			33	19
10:45	76	259	62	266	525	22:45	26 134 19 70 204
11:00	68	47	23:00			27	7
11:15	59	71	23:15			29	14
11:30	51	77	23:30			15	12
11:45	80	258	60	255	513	23:45	22 93 6 39 132

<b>Total Vol.</b>	2337	2967	<b>5304</b>	5101	3300	<b>8401</b>
				<b>Daily Totals</b>		
				<b>EB</b>	<b>WB</b>	<b>Combined</b>
				7438	6267	<b>13705</b>

**AM**

<b>Split %</b>	44.1%	55.9%	<b>38.7%</b>	60.7%	39.3%	<b>61.3%</b>
<b>Peak Hour</b>	7:00	7:15	<b>7:00</b>	16:45	15:45	<b>15:45</b>
<b>Volume P.H.F.</b>	524	645	<b>1151</b>	776	497	<b>1213</b>
	0.96	0.85	<b>0.92</b>	0.89	0.86	<b>0.91</b>

Tuesday, April 25, 2023

CITY: Perris

PROJECT: SC3860

**ADT16 CA-74 between 7th and Dockery.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period	EB	WB	
0:00	11	36	12:00	174	166	
0:15	18	23	12:15	156	189	
0:30	13	36	12:30	188	199	
0:45	6 48	22 117	165	206 724	213 767	1491
1:00	8	13	13:00	192	217	
1:15	4	19	13:15	244	184	
1:30	15	19	13:30	231	227	
1:45	4 31	31 82	113	197 864	238 866	1730
2:00	8	16	14:00	211	215	
2:15	9	23	14:15	229	262	
2:30	11	26	14:30	216	253	
2:45	7 35	30 95	130	269 925	262 992	1917
3:00	6	39	15:00	236	242	
3:15	27	25	15:15	306	241	
3:30	34	41	15:30	240	246	
3:45	29 96	49 154	250	269 1051	264 993	2044
4:00	40	71	16:00	254	295	
4:15	49	72	16:15	248	291	
4:30	75	80	16:30	225	282	
4:45	53 217	100 323	540	239 966	266 1134	2100
5:00	63	129	17:00	203	296	
5:15	57	141	17:15	266	231	
5:30	102	143	17:30	237	234	
5:45	83 305	169 582	887	236 942	226 987	1929
6:00	93	191	18:00	232	189	
6:15	91	218	18:15	192	235	
6:30	124	241	18:30	186	207	
6:45	132 440	257 907	1347	149 759	167 798	1557
7:00	103	258	19:00	127	166	
7:15	154	281	19:15	129	151	
7:30	152	252	19:30	100	148	
7:45	148 557	267 1058	1615	106 462	161 626	1088
8:00	159	253	20:00	97	127	
8:15	166	261	20:15	89	140	
8:30	130	253	20:30	81	135	
8:45	118 573	207 974	1547	70 337	126 528	865
9:00	124	178	21:00	60	99	
9:15	122	175	21:15	47	105	
9:30	150	164	21:30	53	98	
9:45	152 548	186 703	1251	38 198	100 402	600
10:00	145	165	22:00	34	65	
10:15	146	166	22:15	48	74	
10:30	146	167	22:30	27	62	
10:45	160 597	172 670	1267	28 137	78 279	416
11:00	144	150	23:00	18	60	
11:15	156	145	23:15	29	61	
11:30	152	145	23:30	18	50	
11:45	169 621	193 633	1254	17 82	36 207	289

<b>Total Vol.</b>	4068	6298	<b>10366</b>	7447	8579	<b>16026</b>
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**Daily Totals**

NB	SB	<b>Combined</b>
11515	14877	<b>26392</b>

**PM**

Split %	39.2%	60.8%	39.3%	46.5%	53.5%	60.7%
<b>Peak Hour</b>	11:45	7:00	<b>7:15</b>	15:15	16:15	<b>15:45</b>
<b>Volume</b>	687	1058	<b>1666</b>	1069	1135	<b>2128</b>
<b>P.H.F.</b>	0.91	0.94	<b>0.96</b>	0.89	0.96	<b>0.97</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT15 4th between Navajo and S A St.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	25	51	12:00			247	261
0:15	25	47	12:15			213	271
0:30	19	29	12:30			233	271
0:45	20	89	31	158	247	12:45	241 934 278 1081 2015
1:00	11	27	13:00			252	301
1:15	21	18	13:15			280	308
1:30	24	29	13:30			274	331
1:45	20	76	19	93	169	13:45	287 1093 304 1244 2337
2:00	18	15	14:00			296	341
2:15	28	19	14:15			271	302
2:30	21	37	14:30			296	365
2:45	29	96	24	95	191	14:45	301 1164 345 1353 2517
3:00	27	27	15:00			335	378
3:15	48	28	15:15			365	351
3:30	64	57	15:30			388	388
3:45	73	212	48	160	372	15:45	347 1435 380 1497 2932
4:00	106	56	16:00			328	463
4:15	125	74	16:15			320	419
4:30	181	96	16:30			382	435
4:45	154	566	129	355	921	16:45	369 1399 392 1709 3108
5:00	156	116	17:00			318	403
5:15	188	175	17:15			321	350
5:30	267	189	17:30			314	369
5:45	208	819	183	663	1482	17:45	380 1333 332 1454 2787
6:00	189	202	18:00			313	341
6:15	227	233	18:15			302	312
6:30	309	257	18:30			289	323
6:45	239	964	325	1017	1981	18:45	275 1179 288 1264 2443
7:00	240	321	19:00			253	270
7:15	287	366	19:15			252	284
7:30	351	299	19:30			180	221
7:45	323	1201	302	1288	2489	19:45	208 893 235 1010 1903
8:00	431	359	20:00			186	209
8:15	316	340	20:15			147	227
8:30	252	365	20:30			131	196
8:45	231	1230	243	1307	2537	20:45	156 620 186 818 1438
9:00	242	201	21:00			132	169
9:15	212	226	21:15			112	168
9:30	208	226	21:30			120	139
9:45	227	889	210	863	1752	21:45	86 450 122 598 1048
10:00	204	217	22:00			77	130
10:15	201	244	22:15			69	103
10:30	230	244	22:30			81	89
10:45	244	879	216	921	1800	22:45	60 287 102 424 711
11:00	253	212	23:00			51	86
11:15	224	218	23:15			35	84
11:30	208	232	23:30			41	76
11:45	241	926	241	903	1829	23:45	32 159 58 304 463

<b>Total Vol.</b>	7947	7823	<b>15770</b>	10946	12756	<b>23702</b>
<b>Daily Totals</b>						
	EB	WB	Combined			
	18893	20579	<b>39472</b>			
<b>AM</b>			<b>PM</b>			
<b>Split %</b>	50.4%	49.6%	<b>40.0%</b>	46.2%	53.8%	<b>60.0%</b>
<b>Peak Hour</b>	7:30	7:45	<b>7:30</b>	15:00	16:00	<b>16:00</b>
<b>Volume P.H.F.</b>	1421 0.82	1366 0.94	<b>2721 0.86</b>	1435 0.92	1709 0.92	<b>3108 0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT17 4th between S A St and S C St.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	24	50	12:00			236	222
0:15	22	47	12:15			201	228
0:30	18	30	12:30			226	228
0:45	20	84	28	155	239	12:45	220 883 239 917 1800
1:00	11	25	13:00			241	246
1:15	18	17	13:15			255	237
1:30	21	25	13:30			264	274
1:45	20	70	20	87	157	13:45	266 1026 254 1011 2037
2:00	18	15	14:00			276	273
2:15	27	19	14:15			259	232
2:30	21	40	14:30			263	283
2:45	28	94	21	95	189	14:45	269 1067 280 1068 2135
3:00	25	22	15:00			298	291
3:15	44	25	15:15			302	293
3:30	63	51	15:30			354	277
3:45	75	207	43	141	348	15:45	321 1275 228 1089 2364
4:00	113	52	16:00			296	292
4:15	122	60	16:15			285	238
4:30	176	87	16:30			339	300
4:45	150	561	114	313	874	16:45	321 1241 261 1091 2332
5:00	156	100	17:00			295	297
5:15	183	145	17:15			283	257
5:30	250	159	17:30			292	280
5:45	197	786	154	558	1344	17:45	306 1176 247 1081 2257
6:00	183	171	18:00			290	260
6:15	224	190	18:15			262	251
6:30	274	222	18:30			260	241
6:45	201	882	268	851	1733	18:45	250 1062 252 1004 2066
7:00	223	269	19:00			220	230
7:15	245	327	19:15			240	240
7:30	297	263	19:30			169	190
7:45	285	1050	246	1105	2155	19:45	187 816 189 849 1665
8:00	385	287	20:00			176	176
8:15	284	254	20:15			136	199
8:30	228	303	20:30			132	165
8:45	215	1112	212	1056	2168	20:45	141 585 172 712 1297
9:00	224	170	21:00			124	156
9:15	209	192	21:15			109	154
9:30	194	198	21:30			112	138
9:45	232	859	188	748	1607	21:45	78 423 110 558 981
10:00	198	190	22:00			77	123
10:15	189	202	22:15			70	98
10:30	224	220	22:30			80	85
10:45	227	838	193	805	1643	22:45	59 286 94 400 686
11:00	241	175	23:00			47	81
11:15	223	179	23:15			35	81
11:30	197	197	23:30			37	66
11:45	229	890	212	763	1653	23:45	31 150 53 281 431

<b>Total Vol.</b>	7433	6677	<b>14110</b>	9990	10061	<b>20051</b>
<b>Daily Totals</b>						
	EB	WB	Combined			
	17423	16738	<b>34161</b>			
<b>AM</b>			<b>PM</b>			
<b>Split %</b>	52.7%	47.3%	<b>41.3%</b>	49.8%	50.2%	<b>58.7%</b>
<b>Peak Hour</b>	7:30	6:45	<b>7:15</b>	15:00	14:30	<b>14:45</b>
<b>Volume P.H.F.</b>	1251 0.81	1127 0.86	<b>2335 0.87</b>	1275 0.90	1147 0.98	<b>2364 0.94</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT18 4th between S D St and Perris.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	22	23		12:00		168	143
0:15	12	30		12:15		144	136
0:30	17	18		12:30		184	155
0:45	14	65	12	83	148	12:45	144
						640	170
						604	1244
1:00	7	9		13:00		185	159
1:15	17	9		13:15		177	181
1:30	8	12		13:30		201	157
1:45	11	43	11	41	84	13:45	191
						754	169
						666	1420
2:00	8	10		14:00		203	167
2:15	15	9		14:15		187	159
2:30	12	12		14:30		183	160
2:45	16	51	13	44	95	14:45	217
						790	158
						644	1434
3:00	11	13		15:00		216	177
3:15	13	14		15:15		229	164
3:30	20	25		15:30		236	195
3:45	29	73	25	77	150	15:45	251
						932	192
						728	1660
4:00	41	28		16:00		250	175
4:15	56	34		16:15		217	164
4:30	61	51		16:30		213	166
4:45	75	233	62	175	408	16:45	230
						910	155
						660	1570
5:00	66	52		17:00		210	169
5:15	68	78		17:15		211	158
5:30	110	87		17:30		203	190
5:45	90	334	88	305	639	17:45	211
						835	140
						657	1492
6:00	115	91		18:00		193	166
6:15	112	113		18:15		169	141
6:30	179	146		18:30		194	141
6:45	152	558	141	491	1049	18:45	177
						733	129
						577	1310
7:00	159	189		19:00		183	132
7:15	165	200		19:15		178	126
7:30	196	197		19:30		128	111
7:45	197	717	178	764	1481	19:45	132
						621	128
						497	1118
8:00	201	159		20:00		141	99
8:15	239	164		20:15		113	103
8:30	150	154		20:30		89	111
8:45	137	727	132	609	1336	20:45	111
						454	97
						410	864
9:00	143	120		21:00		92	96
9:15	138	105		21:15		72	91
9:30	148	109		21:30		73	87
9:45	152	581	128	462	1043	21:45	63
						300	61
						335	635
10:00	152	122		22:00		61	67
10:15	117	128		22:15		56	58
10:30	166	150		22:30		55	38
10:45	154	589	130	530	1119	22:45	47
						219	51
						214	433
11:00	141	122		23:00		24	33
11:15	158	129		23:15		24	35
11:30	152	132		23:30		28	28
11:45	166	617	146	529	1146	23:45	19
						95	22
						118	213
<b>Total Vol.</b>	4588	4110	<b>8698</b>			7283	6110
						13393	

**Daily Totals**

EB      WB      Combined

11871    10220    22091

AM	PM
<b>Split %</b>	52.7%    47.3% <b>39.4%</b>
<b>Peak Hour</b>	15:15    15:00 <b>15:15</b>
<b>Volume P.H.F.</b>	966    728 <b>1692</b>
	0.96    0.93 <b>0.95</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT19 4th between Perris and S F St.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period			EB	WB
0:00	19	21		12:00		152	136
0:15	15	26		12:15		140	117
0:30	15	18		12:30		170	147
0:45	14	63	14	79	142	122	584
				12:45		135	535
							1119
1:00	12	8		13:00		174	134
1:15	17	8		13:15		159	138
1:30	9	10		13:30		179	146
1:45	10	48	11	37	85	164	676
				13:45		131	549
							1225
2:00	8	12		14:00		180	146
2:15	14	10		14:15		155	128
2:30	11	8		14:30		170	138
2:45	13	46	11	41	87	176	681
				14:45		124	536
							1217
3:00	10	9		15:00		183	154
3:15	12	14		15:15		180	152
3:30	11	22		15:30		180	137
3:45	18	51	21	66	117	195	738
				15:45		135	578
							1316
4:00	25	23		16:00		213	169
4:15	42	30		16:15		176	147
4:30	44	38		16:30		196	146
4:45	53	164	42	133	297	196	781
				16:45		138	600
							1381
5:00	62	37		17:00		200	157
5:15	60	60		17:15		179	136
5:30	74	64		17:30		169	155
5:45	72	268	83	244	512	167	715
				17:45		121	569
							1284
6:00	90	69		18:00		167	149
6:15	87	97		18:15		137	141
6:30	128	117		18:30		161	96
6:45	107	412	123	406	818	133	598
				18:45		103	489
							1087
7:00	110	151		19:00		166	109
7:15	128	166		19:15		156	112
7:30	145	154		19:30		112	101
7:45	152	535	160	631	1166	118	552
				19:45		95	417
							969
8:00	150	129		20:00		117	82
8:15	172	131		20:15		102	88
8:30	127	106		20:30		88	89
8:45	120	569	114	480	1049	93	400
				20:45		83	342
							742
9:00	118	104		21:00		84	73
9:15	133	91		21:15		60	75
9:30	136	92		21:30		63	83
9:45	122	509	99	386	895	59	266
				21:45		53	284
							550
10:00	135	102		22:00		50	58
10:15	109	106		22:15		54	50
10:30	152	128		22:30		40	26
10:45	147	543	99	435	978	42	186
				22:45		37	171
							357
11:00	132	101		23:00		23	27
11:15	150	120		23:15		23	20
11:30	122	116		23:30		29	19
11:45	163	567	132	469	1036	18	93
				23:45		25	91
							184
<b>Total Vol.</b>	3775	3407	<b>7182</b>			6270	5161
							<b>11431</b>

**Daily Totals**

EB      WB      Combined

10045      8568      18613

AM	PM
<b>Split %</b>	52.6%      47.4% <b>38.6%</b>
<b>Peak Hour</b>	11:45      7:00 <b>7:30</b>
<b>Volume P.H.F.</b>	625      631 <b>1193</b>
	0.92      0.95 <b>0.96</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT20 4th between S G St and Redlands.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB	WB	PM Period				EB	WB
0:00	24	20		12:00			182	193
0:15	17	35		12:15			173	167
0:30	12	16		12:30			169	141
0:45	16	69	11	82	151	12:45	199	723
1:00	15	8		13:00			196	155
1:15	10	6		13:15			199	184
1:30	18	8		13:30			180	178
1:45	9	52	10	32	84	13:45	190	765
2:00	11	9		14:00			206	154
2:15	15	15		14:15			184	159
2:30	16	14		14:30			212	158
2:45	11	53	10	48	101	14:45	212	814
3:00	8	6		15:00			185	209
3:15	20	19		15:15			207	161
3:30	17	21		15:30			228	178
3:45	17	62	26	72	134	15:45	220	840
4:00	23	36		16:00			224	185
4:15	54	38		16:15			215	189
4:30	40	44		16:30			252	166
4:45	58	175	63	181	356	16:45	251	942
5:00	71	57		17:00			225	176
5:15	71	79		17:15			223	172
5:30	75	78		17:30			227	181
5:45	84	301	108	322	623	17:45	221	896
6:00	105	73		18:00			224	134
6:15	79	104		18:15			169	148
6:30	107	121		18:30			169	123
6:45	97	388	133	431	819	18:45	170	732
7:00	104	163		19:00			161	135
7:15	120	164		19:15			167	106
7:30	125	173		19:30			134	96
7:45	132	481	170	670	1151	19:45	148	610
8:00	127	143		20:00			104	67
8:15	142	126		20:15			106	79
8:30	114	140		20:30			93	80
8:45	110	493	133	542	1035	20:45	113	416
9:00	108	125		21:00			106	70
9:15	136	126		21:15			66	57
9:30	147	111		21:30			59	75
9:45	149	540	140	502	1042	21:45	59	290
10:00	140	125		22:00			51	48
10:15	133	141		22:15			53	38
10:30	155	148		22:30			53	26
10:45	160	588	129	543	1131	22:45	39	196
11:00	139	111		23:00			37	27
11:15	146	129		23:15			22	24
11:30	147	138		23:30			26	25
11:45	199	631	160	538	1169	23:45	26	111
<b>Total Vol.</b>	3833	3963	<b>7796</b>				7335	5893
							<b>13228</b>	

**Daily Totals**

EB      WB      Combined

11168      9856      21024

**AM**

<b>Split %</b>	49.2%	50.8%	<b>37.1%</b>		55.5%	44.5%	<b>62.9%</b>
<b>Peak Hour</b>	11:45	7:00	<b>11:45</b>		16:30	15:30	<b>15:45</b>
<b>Volume P.H.F.</b>	723	670	<b>1384</b>		951	746	<b>1645</b>
	0.91	0.97	<b>0.92</b>		0.94	0.96	<b>0.98</b>

Tuesday, April 18, 2023

CITY: Perris

PROJECT: SC3860

**ADT2 Wilson between Bahia and Dale.****Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB	SB	PM Period	NB	SB	
0:00	1	2	12:00	14	36	
0:15	3	2	12:15	60	31	
0:30	0	0	12:30	15	15	
0:45	2	6	12:45	15	104	204
1:00	0	2	13:00	11	17	
1:15	1	0	13:15	21	19	
1:30	1	0	13:30	20	24	
1:45	2	4	13:45	20	72	144
2:00	0	3	14:00	14	18	
2:15	6	0	14:15	12	25	
2:30	4	0	14:30	13	18	
2:45	5	15	14:45	16	55	151
3:00	5	1	15:00	21	29	
3:15	14	0	15:15	31	27	
3:30	8	3	15:30	18	26	
3:45	7	34	15:45	13	83	191
4:00	11	3	16:00	15	30	
4:15	11	5	16:15	10	26	
4:30	9	5	16:30	19	28	
4:45	12	43	16:45	22	66	175
5:00	12	2	17:00	17	23	
5:15	11	7	17:15	10	24	
5:30	15	11	17:30	17	29	
5:45	26	64	17:45	20	64	173
6:00	13	16	18:00	21	46	
6:15	23	29	18:15	11	53	
6:30	51	53	18:30	5	19	
6:45	49	136	18:45	15	52	186
7:00	35	28	19:00	9	14	
7:15	23	19	19:15	11	22	
7:30	18	20	19:30	9	8	
7:45	18	94	19:45	14	43	106
8:00	10	13	20:00	13	18	
8:15	16	9	20:15	28	19	
8:30	15	9	20:30	34	15	
8:45	17	58	20:45	9	84	145
9:00	9	15	21:00	11	12	
9:15	11	6	21:15	3	5	
9:30	16	14	21:30	1	10	
9:45	7	43	21:45	8	34	57
10:00	22	13	22:00	4	8	
10:15	15	8	22:15	2	7	
10:30	10	14	22:30	2	4	
10:45	9	56	22:45	2	10	31
11:00	19	23	23:00	1	7	
11:15	8	10	23:15	0	1	
11:30	11	13	23:30	4	1	
11:45	17	55	23:45	0	15	20
<b>Total Vol.</b>	608	507	<b>1115</b>	661	922	<b>1583</b>
					<b>Daily Totals</b>	
				<b>NB</b>	<b>SB</b>	<b>Combined</b>
				1269	1429	2698
						<b>PM</b>
<b>Split %</b>	54.5%	45.5%	<b>41.3%</b>	41.8%	58.2%	<b>58.7%</b>
<b>Peak Hour</b>	6:15	6:15	<b>6:15</b>	12:00	17:30	<b>17:30</b>
<b>Volume</b>	158	159	<b>317</b>	104	161	<b>230</b>
<b>P.H.F.</b>	0.77	0.75	<b>0.76</b>	0.43	0.76	<b>0.86</b>



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