



QUESTIONS AND ANSWERS

06/18/25

Regarding Transportation Authority of Marin RFP: Vehicle, Pedestrian, and Bicycle Counts at various locations in Marin County

1. What is the budget for this contract?

a. There is not a set budget for each of the four individual contracts included in this RFP, because the specific number of locations included in each contract will not be determined until the time of contract execution. However, the Crossing Guard Program has set aside a \$350,000.00 budget which includes cost allocations for the three separate program activities: (1) internal TAM staff-time, (2) the cost of a subsequent engineering analysis based on (3) the resulting counts at all one-hundred locations. Therefore, TAM cannot specify a breakout "Counting Contracts" budget at this time, all that can be said is that the \$350,000.00 budget is expected to cover the costs associated with all program activities.

2. Please confirm if this is correct or not: the contractor will collect 72 hours of footage (Tuesday-Thursday), and from that, only a total of 8 hours (4 hours from each of two days) will need to be reviewed and counted. If this is the case, does the contractor select which two of the three days will be counted?

a.1. No, only 8-hours of video-footage are being requested per location, and should be the same 8-hours (4-hours per day) per location from which the vehicle counts are derived.

a.2. Yes, the contractor has the freedom to select which 2 of the 4 days will be counted (Monday through Thursday) for purposes of responding to this RFP.

3. Please confirm that there would be two subcategories for the Pedestrian counts: 1) School-aged (4-14 years old) and 2) Other

a. Only one category of pedestrian counts is being requested in the RFP and contract(s): one single metric of total pedestrian counts per location. Eventually, pedestrian counts will be segregated by age group, however for the purposes of this RFP and contract(s) we do not want contractors to provide any input on categorizing age-groups.

4. Usually, Mondays and Fridays are not permissible days for traffic data collection. It was mentioned in the RFP that counts should not occur on Fridays. Please confirm that counts can be conducted on Mondays (as long as they are not within two school days of a holiday period).

a. Mondays through Thursdays are eligible days for conducting video data collection and counts, provided they are not conducted within two school days of a holiday period.

5. Is there a kmz or kml file you could provide to ensure that we have the correct count locations? Upon mapping the locations, there were a few that we weren't sure of the location:

- a. No, we do not provide kmz nor kml files. However, an archived file may be provided on a case-by-case basis.
- **TAM site no. 041) Would the count be at the crosswalk by the field?**
 - a. Yes.
- **TAM site no. 056) Is the count at the school driveway or at Felipe Ct?**
 - a. It is the west cross-walk (crossing Avenida Miraflores).
- **TAM site no. 101) Is the count at Martin Dr or at the mid-block crosswalk just west of C St?**
 - a. It is at Martin Dr (crossing Main Gate Road).
- **TAM site no. 102) Is the count at Hansen Rd or at the mid-block crosswalk to the basketball courts?**
 - a. It is at the mid-block crosswalk to the basketball courts.
- **TAM site no. 116) Would the count be at the northernmost school driveway or at Cay Psge?**
 - a. It is at Cay Psge (crossing Golden Hind Psge).
- **TAM site no. 160) Please confirm that the correct location has a crosswalk and is NW of the Cornerstone Community Church (the other location of the same name has no crosswalk and has a bus stop)**
 - a. The location that we are interested in obtaining counts for is across from the County of Marin Public Safety Building (next to the bus stop).

6. Location questions:

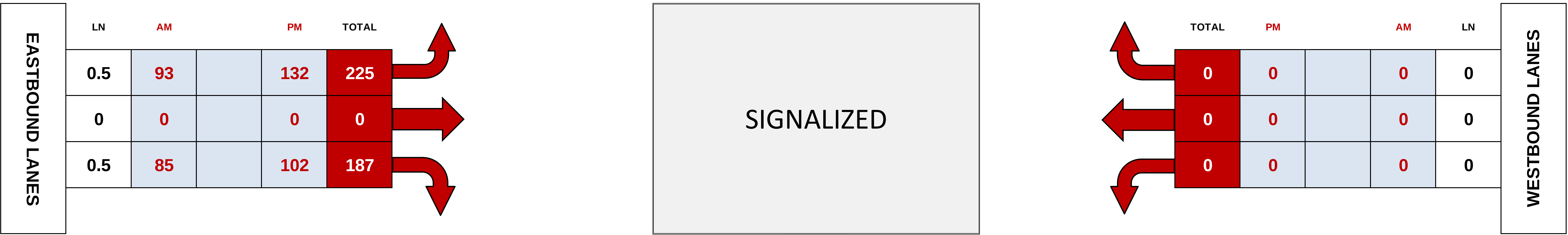
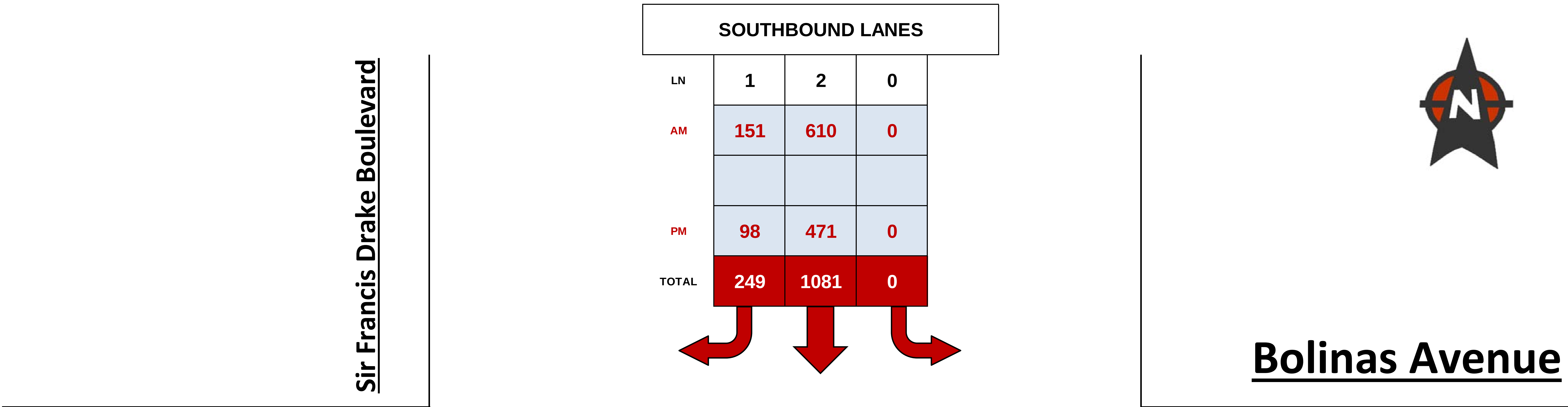
- **TAM site no. 029) Would San Anselmo Ave need to be counted as extra legs?**
 - a. No, see example in attached Archived Examples_Actual Counts.
- **TAM site no. 030) Would San Francisco Blvd need to be counted as the north leg?**
 - a. No, see example in attached Archived Examples_Actual Counts.
- **TAM site no. 031) Would San Anselmo Ave need to be counted as extra legs?**
 - a. No, see example in attached Archived Examples_Actual Counts.
- **TAM site no. 110) Would only the west leg of Belle Ave need to be counted, meaning only ETs/WTs would be counted? Or are Mission Ave and the other leg of Belle Ave needed and all turning movement counts should be counted?**
 - a.1. No, not just ETs/WTs.
 - a.2. The location that we are interested in obtaining counts for is across from Coleman Elementary School (at driveway of 800 Belle Avenue). See example in attached Archived Examples_Actual Counts.
- **TAM site no. 117) Would Throckmorton Ave need to be counted as the west leg?**
 - a. No, see example in attached Archived Examples_Actual Counts.
- **TAM site no. 131) Would the parking lot need to be counted as a leg for this location?**
 - a. Yes, see example in attached Archived Examples_Actual Counts.
- **TAM site no. 163) Would the WR cutout from Manuel T Freitas Pkwy onto Las Pavadas Ave need to be counted?**
 - a. Yes, please provide counts for all movement at all 8 cross-walks.

Attachment
Archived Examples_Actual Counts

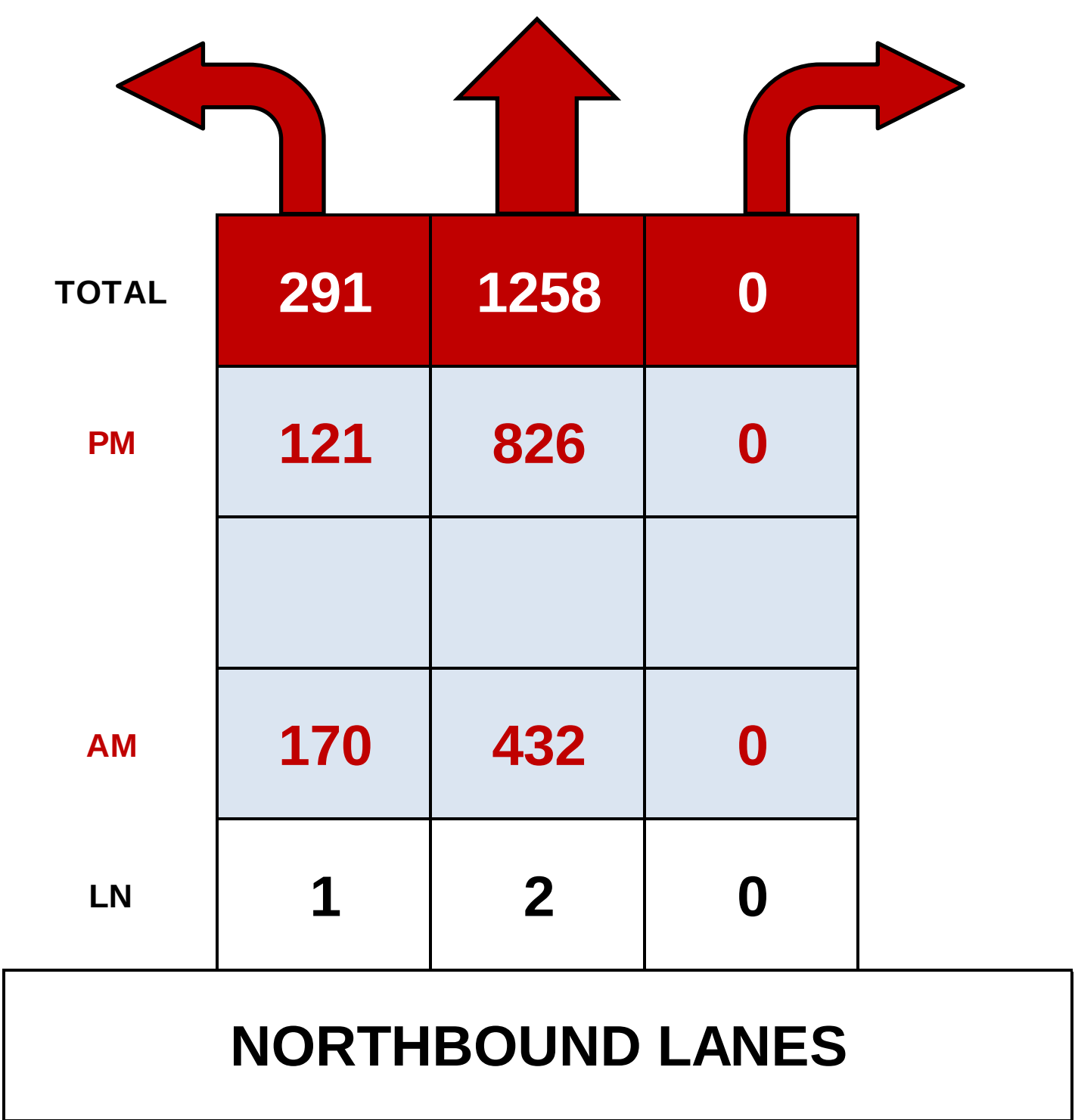
PEAK HOUR ITM SUMMARY

#029 Sir Francis Drake Boulevard & Bolinas Avenue

LOCATION#:	029	QTD PROJ#:	2022172	AM PEAK:	800 AM
NORTH / SOUTH:	Sir Francis Drake Boulevard	DATE:	Tuesday, October 04, 2022		
EAST / WEST:	Bolinas Avenue	VICINITY:	Marin County	PM PEAK:	245 PM



Bolinas Avenue



QUALITY TRAFFIC DATA, LLC
Phone: 877-852-4355 Fax: 877-877-3698 Info@QualityTrafficData.com

AM COUNT	7:00 AM	TO	9:00 AM
PM COUNT	2:00 PM	TO	4:00 PM

VEHICLE TURNING MOVEMENT COUNT

#029 Sir Francis Drake Boulevard & Bolinas Avenue - AM PEAK

LOCATION#:	029	QTD PROJ#:	2022172
NORTH / SOUTH:	Sir Francis Drake Boulevard	DATE:	Tuesday, October 04, 2022
EAST / WEST:	Bolinas Avenue	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	1	2	0	0	2	1	0.5	0	0.5	0	0	0	
7:00 AM	6	51	0	0	112	5	6	0	14	0	0	0	194
7:15 AM	8	68	0	0	115	18	9	0	16	0	0	0	234
7:30 AM	27	84	0	0	149	17	10	0	26	0	0	0	313
7:45 AM	25	89	0	0	158	44	21	0	28	0	0	0	365
8:00 AM	34	91	0	0	155	39	36	0	41	0	0	0	396
8:15 AM	52	110	0	0	152	36	27	0	27	0	0	0	404
8:30 AM	54	118	0	0	135	40	14	0	10	0	0	0	371
8:45 AM	30	113	0	0	168	36	16	0	7	0	0	0	370

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	236	724	0	0	1144	235	139	0	169	0	0	0	2647
P.H.V: 1	170	432	0	0	610	151	93	0	85	0	0	0	1541
P.H.F: 2	0.875			0.933			0.578			0.000			0.954

(1) Peak Hour Volume (Peak Hour Begins At 800 AM)

(2) Peak Hour Factor (directional aggregate)



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VEHICLE TURNING MOVEMENT COUNT

#029 Sir Francis Drake Boulevard & Bolinas Avenue - PM PEAK

LOCATION#:	029	QTD PROJ#:	2022172
NORTH / SOUTH:	Sir Francis Drake Boulevard	DATE:	Tuesday, October 04, 2022
EAST / WEST:	Bolinas Avenue	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	1	2	0	0	2	1	0.5	0	0.5	0	0	0	
2:00 PM	18	154	0	0	117	13	26	0	6	0	0	0	334
2:15 PM	25	171	0	0	118	18	15	0	8	0	0	0	355
2:30 PM	26	163	0	0	118	17	16	0	16	0	0	0	356
2:45 PM	31	179	0	0	143	30	24	0	14	0	0	0	421
3:00 PM	30	199	0	0	105	21	34	0	25	0	0	0	414
3:15 PM	39	236	0	0	120	27	35	0	33	0	0	0	490
3:30 PM	21	212	0	0	103	20	39	0	30	0	0	0	425
3:45 PM	26	183	0	0	122	17	25	0	17	0	0	0	390

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	216	1497	0	0	946	163	214	0	149	0	0	0	3185
P.H.V: 1	121	826	0	0	471	98	132	0	102	0	0	0	1750
P.H.F: 2	0.861	0.822	0.848	0.000									0.893

(1) Peak Hour Volume (Peak Hour Begins At 245 PM)

(2) Peak Hour Factor (directional aggregate)



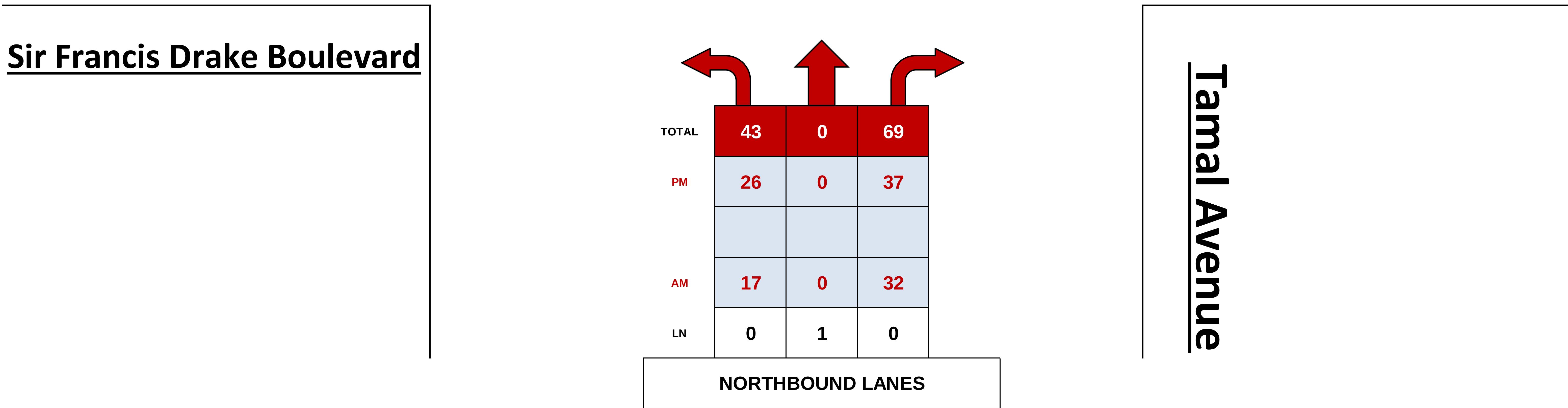
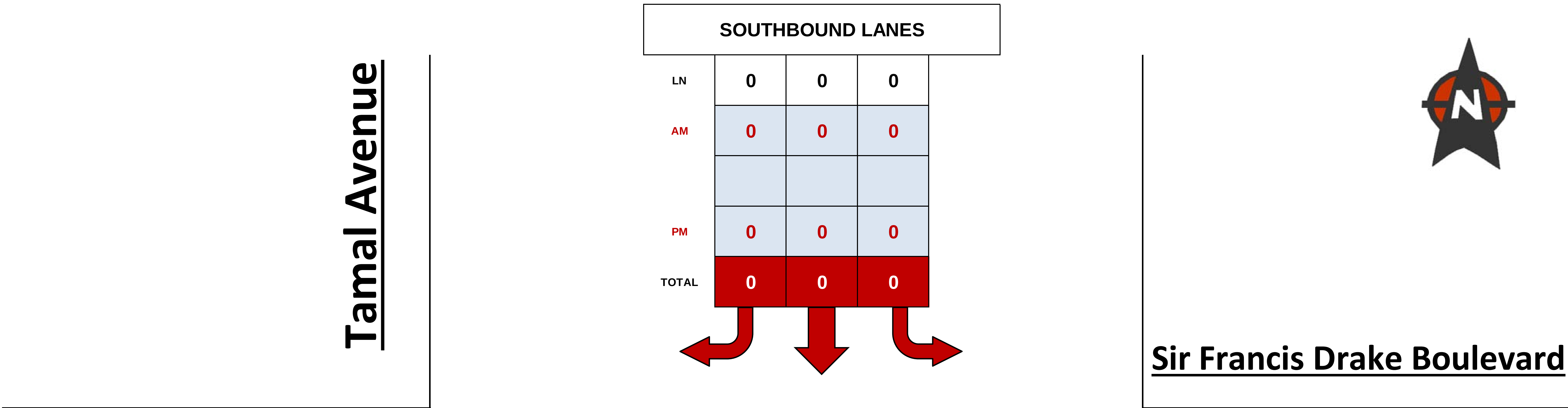
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PEAK HOUR ITM SUMMARY

#030 Tamal Avenue & Sir Francis Drake Boulevard

LOCATION#:	030	QTD PROJ#:	2022172	AM PEAK:	730 AM
NORTH / SOUTH:	Tamal Avenue	DATE:	Tuesday, October 11, 2022		
EAST / WEST:	Sir Francis Drake Boulevard	VICINITY:	Marin County	PM PEAK:	330 PM



AM COUNT	7:00 AM	TO	9:00 AM
PM COUNT	2:30 PM	TO	4:30 PM

VEHICLE TURNING MOVEMENT COUNT

#030 Tamal Avenue & Sir Francis Drake Boulevard - AM PEAK

LOCATION#:	030	QTD PROJ#:	2022172
NORTH / SOUTH:	Tamal Avenue	DATE:	Tuesday, October 11, 2022
EAST / WEST:	Sir Francis Drake Boulevard	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	0	1	0	0	0	0	0	2	0	0	2	0	
7:00 AM	1	0	1	0	0	0	0	189	0	1	117	0	309
7:15 AM	4	0	2	0	0	0	0	213	0	1	168	0	388
7:30 AM	1	0	2	0	0	0	0	302	1	0	250	0	556
7:45 AM	5	0	3	0	0	0	0	299	0	1	230	0	538
8:00 AM	3	0	5	0	0	0	0	322	0	2	229	0	561
8:15 AM	8	0	22	0	0	0	0	257	0	8	262	0	557
8:30 AM	7	0	11	0	0	0	0	324	0	3	188	0	533
8:45 AM	3	0	9	0	0	0	0	301	0	4	214	0	531

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	32	0	55	0	0	0	0	2207	1	20	1658	0	3973
P.H.V: 1	17	0	32	0	0	0	0	1180	1	11	971	0	2212
P.H.F: 2	0.408			0.000			0.917			0.909			0.986

(1) Peak Hour Volume (Peak Hour Begins At 730 AM)

(2) Peak Hour Factor (directional aggregate)



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VEHICLE TURNING MOVEMENT COUNT

#030 Tamal Avenue & Sir Francis Drake Boulevard - PM PEAK

LOCATION#:	030	QTD PROJ#:	2022172
NORTH / SOUTH:	Tamal Avenue	DATE:	Tuesday, October 11, 2022
EAST / WEST:	Sir Francis Drake Boulevard	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	0	1	0	0	0	0	0	2	0	0	2	0	
2:30 PM	1	0	6	0	0	0	0	220	1	1	279	0	508
2:45 PM	3	0	9	0	0	0	0	227	0	3	297	0	539
3:00 PM	2	0	4	0	0	0	0	246	1	0	291	0	544
3:15 PM	6	0	8	0	0	0	0	271	0	4	291	0	580
3:30 PM	12	0	11	0	0	0	0	292	1	2	300	0	618
3:45 PM	4	0	11	0	0	0	0	235	0	5	281	0	536
4:00 PM	2	0	8	0	0	0	0	211	1	3	400	0	625
4:15 PM	8	0	7	0	0	0	0	238	0	1	337	0	591

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	38	0	64	0	0	0	0	1940	4	19	2476	0	4541
P.H.V: ₁	26	0	37	0	0	0	0	976	2	11	1318	0	2370
P.H.F: ₂		0.685			0.000			0.834			0.824		0.948

(1) Peak Hour Volume (Peak Hour Begins At 330 PM)

(2) Peak Hour Factor (directional aggregate)



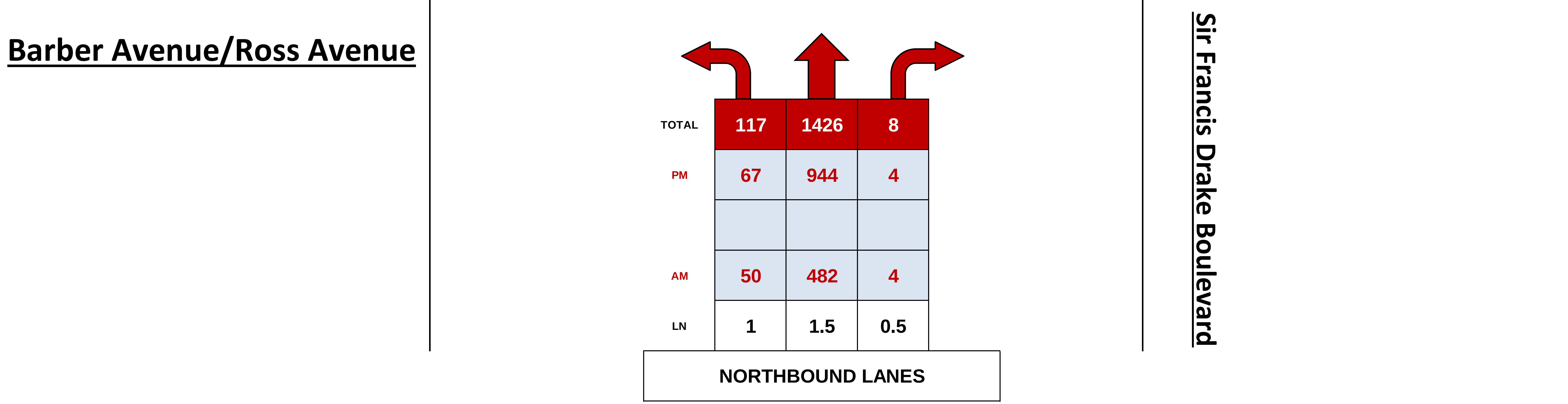
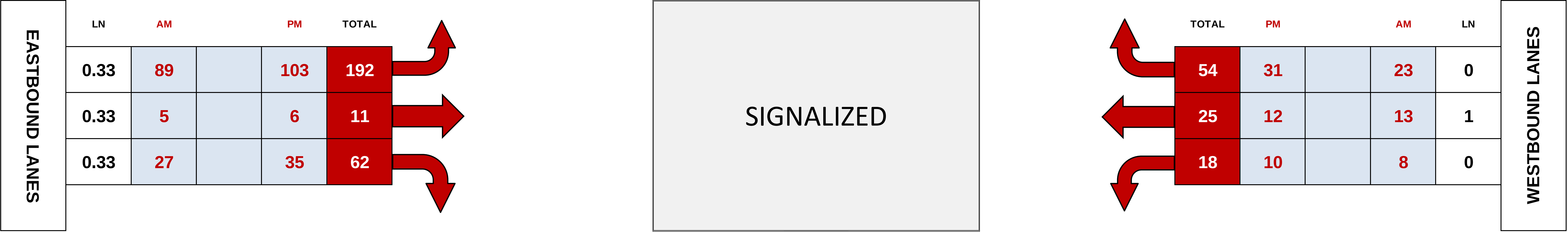
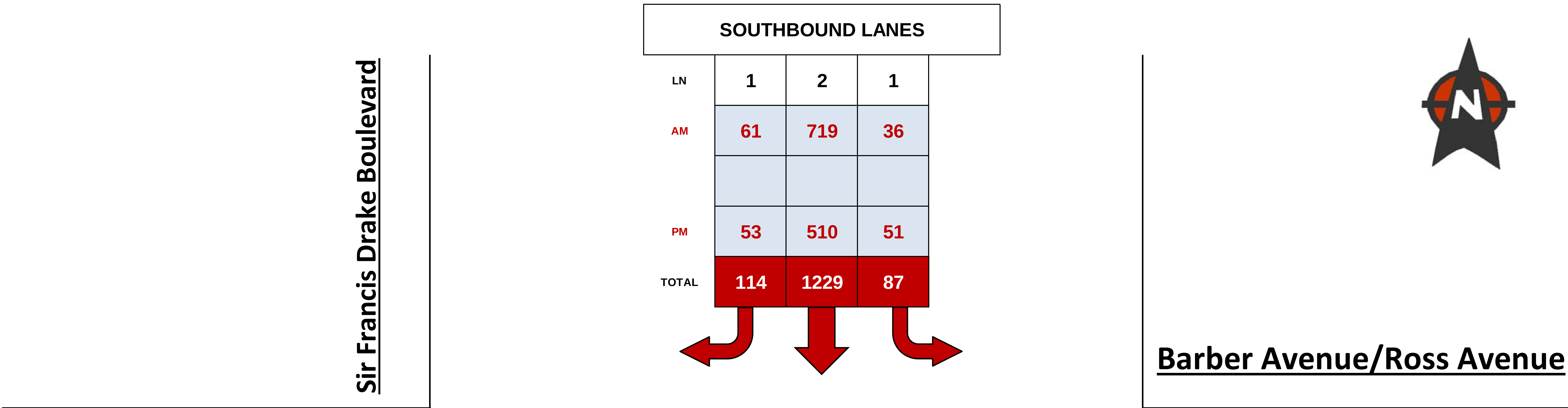
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PEAK HOUR ITM SUMMARY

#031 Sir Francis Drake Boulevard & Barber Avenue/Ross Avenue

LOCATION#:	031	QTD PROJ#:	2022172	AM PEAK:	800 AM
NORTH / SOUTH:	Sir Francis Drake Boulevard	DATE:	Tuesday, October 04, 2022		
EAST / WEST:	Barber Avenue/Ross Avenue	VICINITY:	Marin County	PM PEAK:	245 PM



AM COUNT	7:00 AM	TO	9:00 AM
PM COUNT	2:30 PM	TO	4:30 PM

VEHICLE TURNING MOVEMENT COUNT

#031 Sir Francis Drake Boulevard & Barber Avenue/Ross Avenue - AM PEAK

LOCATION#:	031	QTD PROJ#:	2022172
NORTH / SOUTH:	Sir Francis Drake Boulevard	DATE:	Tuesday, October 04, 2022
EAST / WEST:	Barber Avenue/Ross Avenue	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	1	1.5	0.5	1	2	1	0.33	0.33	0.33	0	1	0	
7:00 AM	2	51	0	5	109	3	5	0	6	0	0	3	184
7:15 AM	8	63	2	8	121	4	6	0	6	3	0	3	224
7:30 AM	6	89	2	6	163	7	10	1	5	4	1	6	300
7:45 AM	11	98	0	5	197	7	9	0	4	2	1	2	336
8:00 AM	11	113	3	10	181	20	12	0	7	2	3	6	368
8:15 AM	14	123	0	8	170	20	30	0	9	3	4	4	385
8:30 AM	12	125	1	9	176	8	32	4	7	2	2	7	385
8:45 AM	13	121	0	9	192	13	15	1	4	1	4	6	379

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	77	783	8	60	1309	82	119	6	48	17	15	37	2561
P.H.V: 1	50	482	4	36	719	61	89	5	27	8	13	23	1517
P.H.F: 2	0.971			0.953			0.703			1.000			0.985

(1) Peak Hour Volume (Peak Hour Begins At 800 AM)

(2) Peak Hour Factor (directional aggregate)



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VEHICLE TURNING MOVEMENT COUNT

#031 Sir Francis Drake Boulevard & Barber Avenue/Ross Avenue - PM PEAK

LOCATION#:	031	QTD PROJ#:	2022172
NORTH / SOUTH:	Sir Francis Drake Boulevard	DATE:	Tuesday, October 04, 2022
EAST / WEST:	Barber Avenue/Ross Avenue	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	1	1.5	0.5	1	2	1	0.33	0.33	0.33	0	1	0	
2:30 PM	10	160	2	8	123	10	12	2	5	3	0	5	340
2:45 PM	19	199	1	13	163	13	13	1	9	2	2	7	442
3:00 PM	17	221	1	7	116	18	34	1	8	3	3	7	436
3:15 PM	15	275	1	16	119	13	37	2	12	3	5	9	507
3:30 PM	16	249	1	15	112	9	19	2	6	2	2	8	441
3:45 PM	13	195	4	13	124	8	17	1	5	1	5	7	393
4:00 PM	14	201	0	20	130	9	21	1	11	2	1	8	418
4:15 PM	15	236	2	20	132	3	13	0	9	2	1	10	443

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	119	1736	12	112	1019	83	166	10	65	18	19	61	3420
P.H.V: 1	67	944	4	51	510	53	103	6	35	10	12	31	1826
P.H.F: 2	0.872			0.812			0.706			0.779			0.900

(1) Peak Hour Volume (Peak Hour Begins At 245 PM)

(2) Peak Hour Factor (directional aggregate)



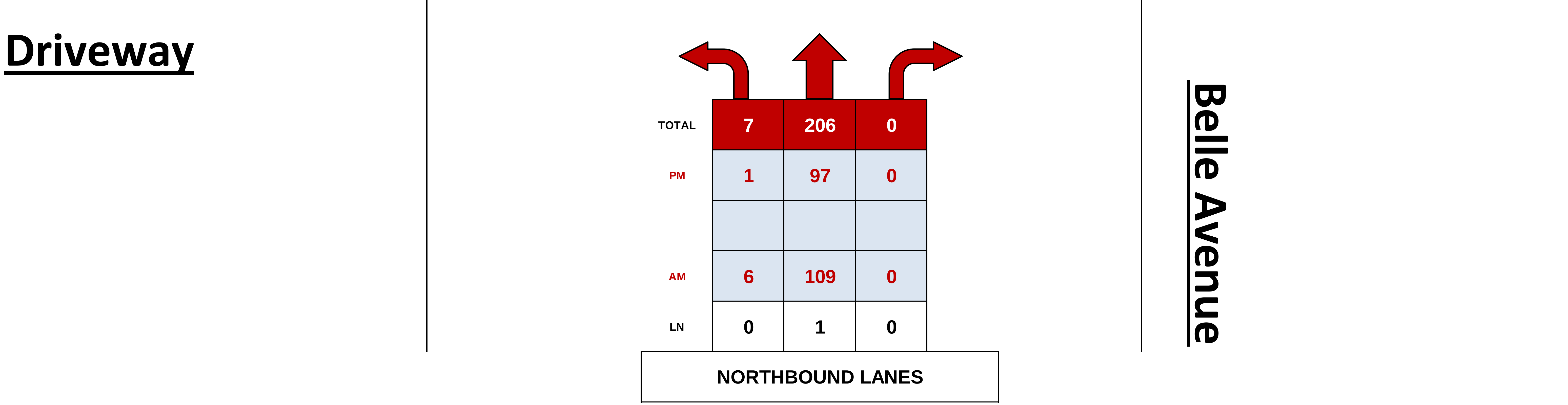
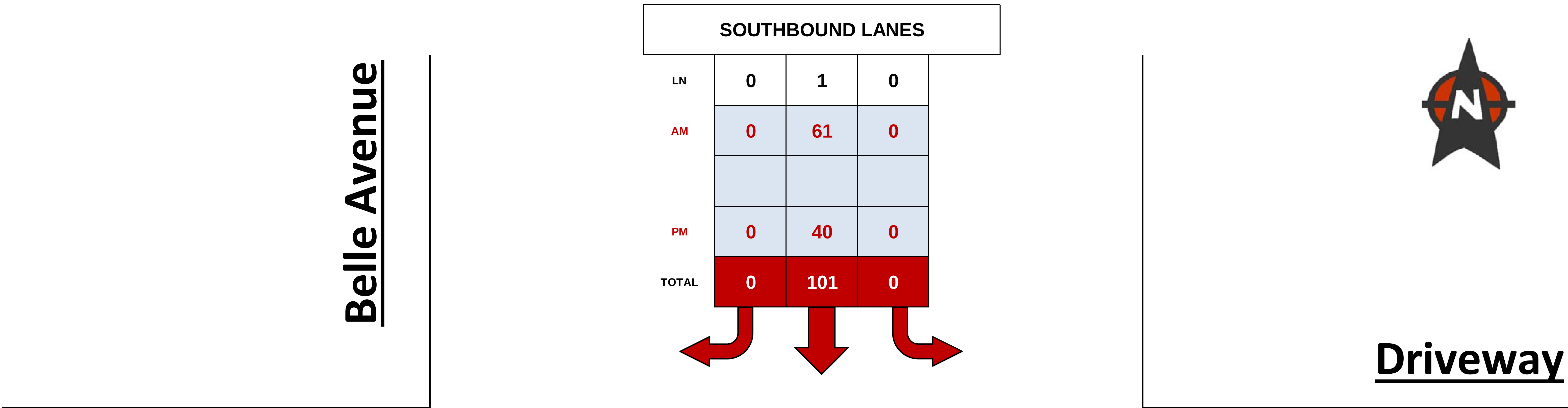
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PEAK HOUR ITM SUMMARY

#110 Belle Avenue & Driveway

LOCATION#:	110	QTD PROJ#:	2022172	AM PEAK:	745 AM
NORTH / SOUTH:	Belle Avenue	DATE:	Thursday, October 13, 2022		
EAST / WEST:	Driveway	VICINITY:	Marin County	PM PEAK:	230 PM



AM COUNT	7:00 AM	TO	9:00 AM
PM COUNT	2:15 PM	TO	4:15 PM

VEHICLE TURNING MOVEMENT COUNT

#110 Belle Avenue & Driveway - AM PEAK

LOCATION#:	110	QTD PROJ#:	2022172
NORTH / SOUTH:	Belle Avenue	DATE:	Thursday, October 13, 2022
EAST / WEST:	Driveway	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	0	1	0	0	1	0	0	0	0	0.5	0	0.5	
7:00 AM	1	8	0	1	3	0	0	0	0	0	0	0	13
7:15 AM	0	8	1	0	3	0	0	0	0	0	0	0	12
7:30 AM	0	16	0	0	7	0	0	0	0	0	0	0	23
7:45 AM	3	40	0	0	19	0	0	0	0	0	0	0	62
8:00 AM	2	35	0	0	30	0	0	0	0	0	0	0	67
8:15 AM	0	14	0	0	8	0	0	0	0	0	0	0	22
8:30 AM	1	20	0	0	4	0	0	0	0	0	0	0	25
8:45 AM	0	19	1	0	9	0	0	0	0	0	0	0	29

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	7	160	2	1	83	0	0	0	0	0	0	0	253
P.H.V: ₁	6	109	0	0	61	0	0	0	0	0	0	0	176
P.H.F: ₂		0.669			0.508			0.000			0.000		0.657

(1) Peak Hour Volume (Peak Hour Begins At 745 AM)

(2) Peak Hour Factor (directional aggregate)



QUALITY TRAFFIC DATA, LLC

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VEHICLE TURNING MOVEMENT COUNT

#110 Belle Avenue & Driveway - PM PEAK

LOCATION#:	110	QTD PROJ#:	2022172
NORTH / SOUTH:	Belle Avenue	DATE:	Thursday, October 13, 2022
EAST / WEST:	Driveway	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	0	1	0	0	1	0	0	0	0	0.5	0	0.5	
2:15 PM	1	10	1	0	5	0	0	0	0	0	0	0	17
2:30 PM	0	29	0	0	8	0	0	0	0	0	0	0	37
2:45 PM	1	25	0	0	22	0	0	0	0	0	0	0	48
3:00 PM	0	27	0	0	6	0	0	0	0	0	0	0	33
3:15 PM	0	16	0	0	4	0	0	0	0	0	0	0	20
3:30 PM	0	29	1	0	6	0	0	0	0	0	0	0	36
3:45 PM	0	22	0	1	6	0	0	0	0	0	0	0	29
4:00 PM	0	27	2	2	9	0	0	0	0	0	0	0	40

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	2	185	4	3	66	0	0	0	0	0	0	0	260
P.H.V: ₁	1	97	0	0	40	0	0	0	0	0	0	0	138
P.H.F: ₂	0.845			0.455			0.000			0.000			0.719

(1) Peak Hour Volume (Peak Hour Begins At 230 PM)

(2) Peak Hour Factor (directional aggregate)



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Archived Examples_Actual Counts

Traffic Data Service
6280 San Ignacio Avenue, Suite C
San Jose, California, United States 95119
(408) 622-4787 tdsbay@cs.com

Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
Page No: 1

Turning Movement Data

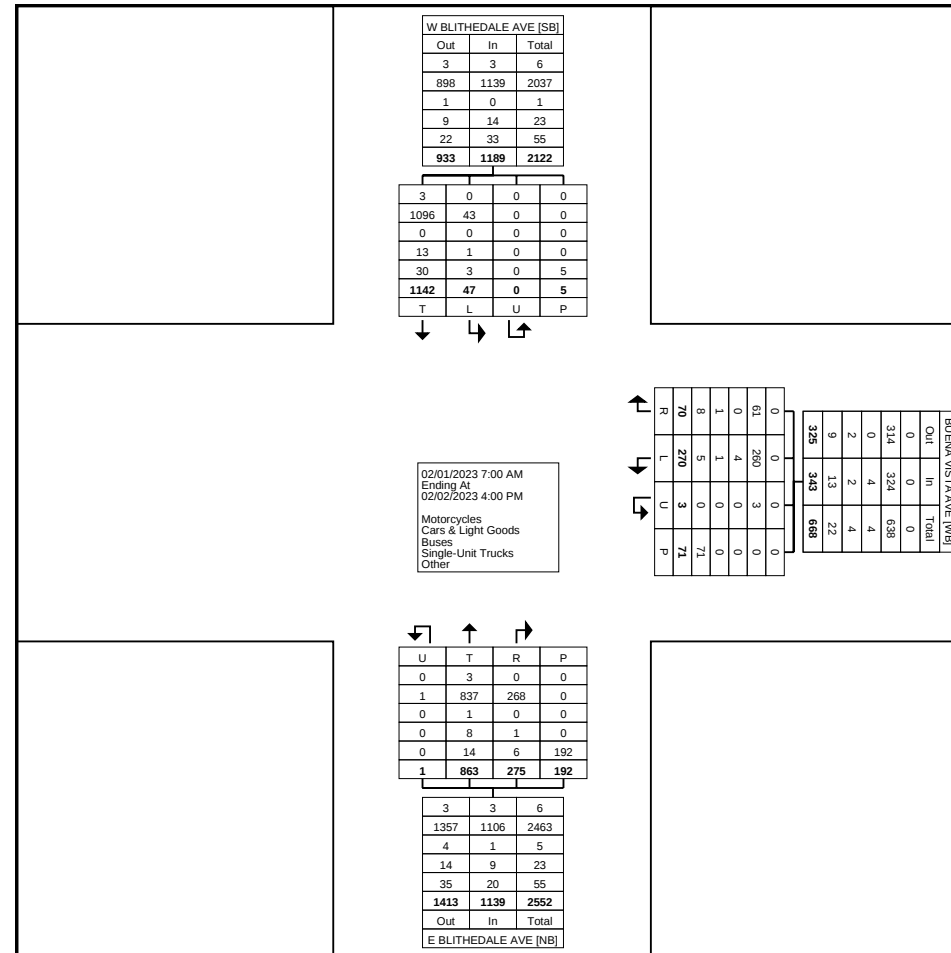
Start Time	W BLITHEDALE AVE Southbound					BUENA VISTA AVE Westbound					E BLITHEDALE AVE Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
7:00 AM	18	0	0	0	18	2	6	0	0	8	2	12	0	0	14	40
7:15 AM	15	1	0	0	16	1	2	0	2	3	6	20	0	6	26	45
7:30 AM	28	1	0	0	29	1	8	0	0	9	8	28	0	2	36	74
7:45 AM	48	0	0	0	48	0	8	0	1	8	6	33	0	1	39	95
Hourly Total	109	2	0	0	111	4	24	0	3	28	22	93	0	9	115	254
8:00 AM	57	2	0	0	59	0	7	1	0	8	10	24	0	5	34	101
8:15 AM	54	1	0	0	55	2	13	0	1	15	14	29	0	3	43	113
8:30 AM	22	2	0	0	24	1	7	0	3	8	13	35	0	3	48	80
8:45 AM	35	0	0	0	35	3	5	0	3	8	2	27	0	5	29	72
Hourly Total	168	5	0	0	173	6	32	1	7	39	39	115	0	16	154	366
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:15 PM	34	0	0	0	34	2	8	0	1	10	7	33	0	6	40	84
1:30 PM	41	3	0	0	44	5	8	0	2	13	4	27	0	7	31	88
1:45 PM	30	1	0	1	31	2	3	0	2	5	7	25	0	13	32	68
Hourly Total	105	4	0	1	109	9	19	0	5	28	18	85	0	26	103	240
2:00 PM	54	2	0	0	56	4	10	0	8	14	8	25	1	12	34	104
2:15 PM	33	2	0	0	35	3	10	0	6	13	15	39	0	10	54	102
2:30 PM	26	1	0	1	27	5	20	0	4	25	10	22	0	8	32	84
2:45 PM	23	1	0	0	24	3	9	0	2	12	8	24	0	7	32	68
Hourly Total	136	6	0	1	142	15	49	0	20	64	41	110	1	37	152	358
3:00 PM	31	4	0	0	35	3	8	0	5	11	7	23	0	5	30	76
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	31	4	0	0	35	3	8	0	5	11	7	23	0	5	30	76
7:00 AM	13	0	0	0	13	2	6	0	0	8	3	14	0	2	17	38
7:15 AM	19	1	0	0	20	0	3	0	0	3	2	18	0	1	20	43
7:30 AM	38	1	0	0	39	1	8	0	1	9	16	41	0	3	57	105
7:45 AM	52	0	0	0	52	0	5	0	1	5	9	28	0	7	37	94
Hourly Total	122	2	0	0	124	3	22	0	2	25	30	101	0	13	131	280
8:00 AM	65	1	0	0	66	2	9	0	0	11	8	31	0	4	39	116
8:15 AM	48	1	0	0	49	2	16	0	0	18	25	23	0	3	48	115
8:30 AM	19	1	0	0	20	0	11	0	0	11	7	29	0	4	36	67
8:45 AM	27	1	0	0	28	1	6	0	0	7	5	31	0	3	36	71
Hourly Total	159	4	0	0	163	5	42	0	0	47	45	114	0	14	159	369
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00 PM	39	2	0	0	41	0	10	0	2	10	4	22	0	10	26	77
2:15 PM	32	2	0	2	34	2	7	0	3	9	6	21	0	7	27	70
2:30 PM	33	2	0	0	35	3	5	0	1	8	6	20	0	6	26	69
2:45 PM	29	2	0	0	31	3	11	0	3	14	15	30	0	11	45	90
Hourly Total	133	8	0	2	141	8	33	0	9	41	31	93	0	34	124	306

3:00 PM	43	4	0	0	47	2	15	0	8	17	16	30	0	16	46	110
3:15 PM	49	2	0	0	51	4	9	1	3	14	10	26	0	6	36	101
3:30 PM	55	3	0	1	58	8	11	0	8	19	11	38	0	8	49	126
3:45 PM	32	3	0	0	35	3	6	1	1	10	5	35	0	8	40	85
Hourly Total	179	12	0	1	191	17	41	2	20	60	42	129	0	38	171	422
Grand Total	1142	47	0	5	1189	70	270	3	71	343	275	863	1	192	1139	2671
Approach %	96.0	4.0	0.0	-	-	20.4	78.7	0.9	-	-	24.1	75.8	0.1	-	-	-
Total %	42.8	1.8	0.0	-	44.5	2.6	10.1	0.1	-	12.8	10.3	32.3	0.0	-	42.6	-
Motorcycles	3	0	0	-	3	0	0	0	-	0	0	3	0	-	3	6
% Motorcycles	0.3	0.0	-	-	0.3	0.0	0.0	0.0	-	0.0	0.0	0.3	0.0	-	0.3	0.2
Cars & Light Goods	1096	43	0	-	1139	61	260	3	-	324	268	837	1	-	1106	2569
% Cars & Light Goods	96.0	91.5	-	-	95.8	87.1	96.3	100.0	-	94.5	97.5	97.0	100.0	-	97.1	96.2
Buses	0	0	0	-	0	0	4	0	-	4	0	1	0	-	1	5
% Buses	0.0	0.0	-	-	0.0	0.0	1.5	0.0	-	1.2	0.0	0.1	0.0	-	0.1	0.2
Single-Unit Trucks	13	1	0	-	14	1	1	0	-	2	1	8	0	-	9	25
% Single-Unit Trucks	1.1	2.1	-	-	1.2	1.4	0.4	0.0	-	0.6	0.4	0.9	0.0	-	0.8	0.9
Articulated Trucks	0	0	0	-	0	0	1	0	-	1	2	1	0	-	3	4
% Articulated Trucks	0.0	0.0	-	-	0.0	0.0	0.4	0.0	-	0.3	0.7	0.1	0.0	-	0.3	0.1
Bicycles on Road	30	3	0	-	33	8	4	0	-	12	4	13	0	-	17	62
% Bicycles on Road	2.6	6.4	-	-	2.8	11.4	1.5	0.0	-	3.5	1.5	1.5	0.0	-	1.5	2.3
All Pedestrians	-	-	-	5	-	-	-	-	71	-	-	-	-	192	-	-
% All Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-

Attachment Archived Examples_Actual Counts

Traffic Data Service
6280 San Ignacio Avenue, Suite C
San Jose, California, United States 95119
(408) 622-4787 tdsbay@cs.com

Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
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Turning Movement Data Plot

Attachment Archived Examples_Actual Counts

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Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
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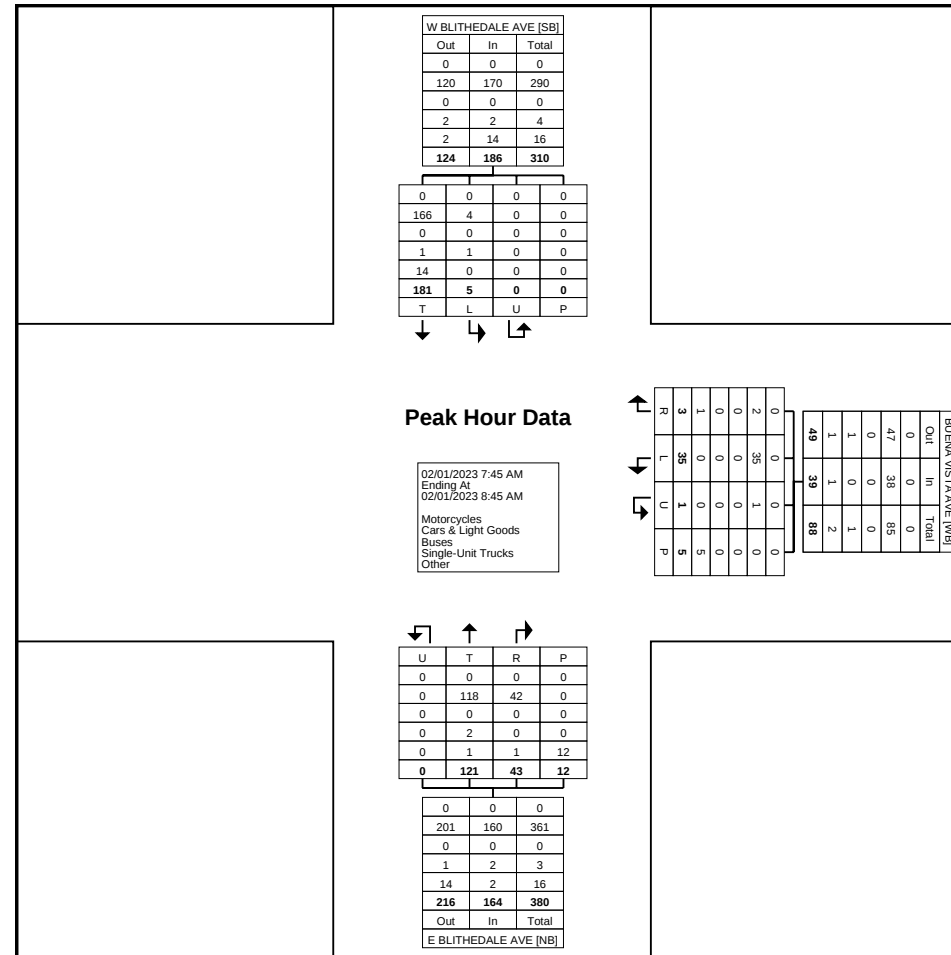
Turning Movement Peak Hour Data (7:45 AM)

Start Time	W BLITHEDALE AVE Southbound					BUENA VISTA AVE Westbound					E BLITHEDALE AVE Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
7:45 AM	48	0	0	0	48	0	8	0	1	8	6	33	0	1	39	95
8:00 AM	57	2	0	0	59	0	7	1	0	8	10	24	0	5	34	101
8:15 AM	54	1	0	0	55	2	13	0	1	15	14	29	0	3	43	113
8:30 AM	22	2	0	0	24	1	7	0	3	8	13	35	0	3	48	80
Total	181	5	0	0	186	3	35	1	5	39	43	121	0	12	164	389
Approach %	97.3	2.7	0.0	-	-	7.7	89.7	2.6	-	-	26.2	73.8	0.0	-	-	-
Total %	46.5	1.3	0.0	-	47.8	0.8	9.0	0.3	-	10.0	11.1	31.1	0.0	-	42.2	-
PHF	0.794	0.625	0.000	-	0.788	0.375	0.673	0.250	-	0.650	0.768	0.864	0.000	-	0.854	0.861
Motorcycles	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Motorcycles	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0
Cars & Light Goods	166	4	0	-	170	2	35	1	-	38	42	118	0	-	160	368
% Cars & Light Goods	91.7	80.0	-	-	91.4	66.7	100.0	100.0	-	97.4	97.7	97.5	-	-	97.6	94.6
Buses	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Buses	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0
Single-Unit Trucks	1	1	0	-	2	0	0	0	-	0	0	2	0	-	2	4
% Single-Unit Trucks	0.6	20.0	-	-	1.1	0.0	0.0	0.0	-	0.0	0.0	1.7	-	-	1.2	1.0
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1	1
% Articulated Trucks	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.8	-	-	0.6	0.3
Bicycles on Road	14	0	0	-	14	1	0	0	-	1	1	0	0	-	1	16
% Bicycles on Road	7.7	0.0	-	-	7.5	33.3	0.0	0.0	-	2.6	2.3	0.0	-	-	0.6	4.1
All Pedestrians	-	-	-	0	-	-	-	-	5	-	-	-	-	12	-	-
% All Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	100.0	-	-

Archived Examples_Actual Counts

Traffic Data Service
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Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
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Turning Movement Peak Hour Data Plot (7:45 AM)

Attachment Archived Examples_Actual Counts

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Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
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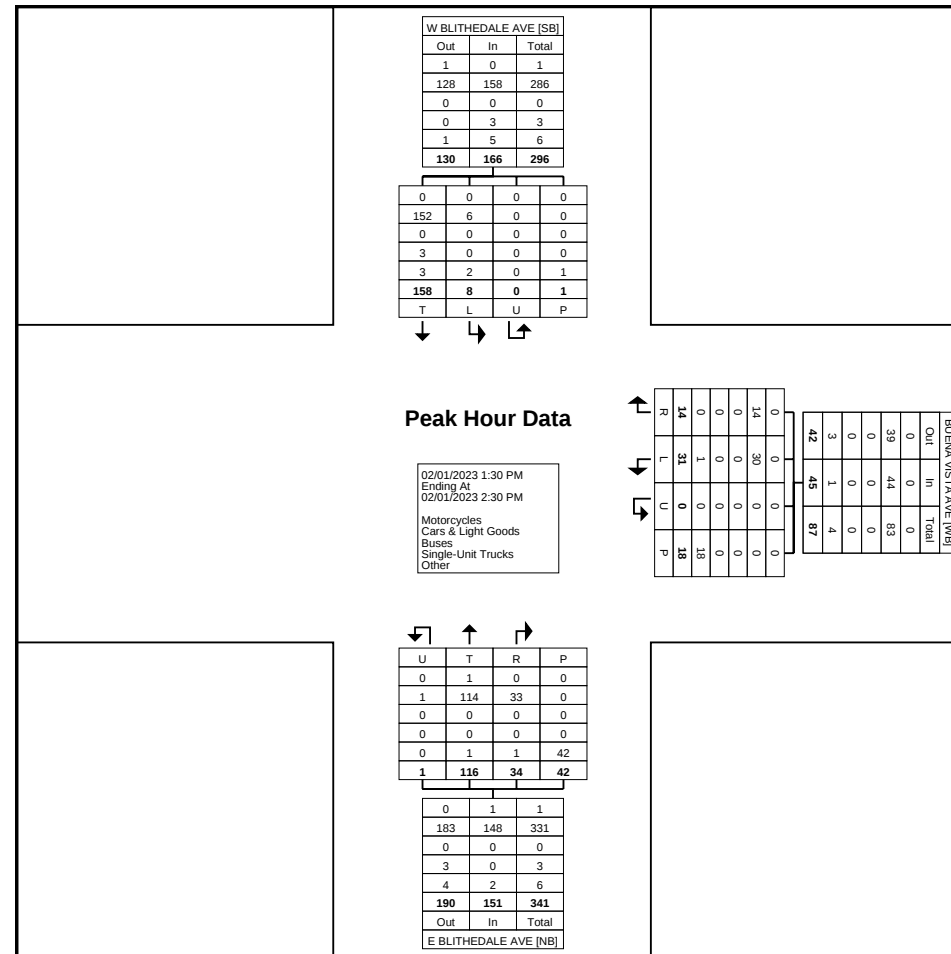
Turning Movement Peak Hour Data (1:30 PM)

Start Time	W BLITHEDALE AVE Southbound					BUENA VISTA AVE Westbound					E BLITHEDALE AVE Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
1:30 PM	41	3	0	0	44	5	8	0	2	13	4	27	0	7	31	88
1:45 PM	30	1	0	1	31	2	3	0	2	5	7	25	0	13	32	68
2:00 PM	54	2	0	0	56	4	10	0	8	14	8	25	1	12	34	104
2:15 PM	33	2	0	0	35	3	10	0	6	13	15	39	0	10	54	102
Total	158	8	0	1	166	14	31	0	18	45	34	116	1	42	151	362
Approach %	95.2	4.8	0.0	-	-	31.1	68.9	0.0	-	-	22.5	76.8	0.7	-	-	-
Total %	43.6	2.2	0.0	-	45.9	3.9	8.6	0.0	-	12.4	9.4	32.0	0.3	-	41.7	-
PHF	0.731	0.667	0.000	-	0.741	0.700	0.775	0.000	-	0.804	0.567	0.744	0.250	-	0.699	0.870
Motorcycles	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1	1
% Motorcycles	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.9	0.0	-	0.7	0.3
Cars & Light Goods	152	6	0	-	158	14	30	0	-	44	33	114	1	-	148	350
% Cars & Light Goods	96.2	75.0	-	-	95.2	100.0	96.8	-	-	97.8	97.1	98.3	100.0	-	98.0	96.7
Buses	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Buses	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0
Single-Unit Trucks	3	0	0	-	3	0	0	0	-	0	0	0	0	-	0	3
% Single-Unit Trucks	1.9	0.0	-	-	1.8	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.8
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	1	0	0	-	1	1
% Articulated Trucks	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	2.9	0.0	0.0	-	0.7	0.3
Bicycles on Road	3	2	0	-	5	0	1	0	-	1	0	1	0	-	1	7
% Bicycles on Road	1.9	25.0	-	-	3.0	0.0	3.2	-	-	2.2	0.0	0.9	0.0	-	0.7	1.9
All Pedestrians	-	-	-	1	-	-	-	-	18	-	-	-	-	42	-	-
% All Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-

Archived Examples_Actual Counts

Traffic Data Service
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Count Name: Blithedale & Buena Vista
Site Code: 117
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Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
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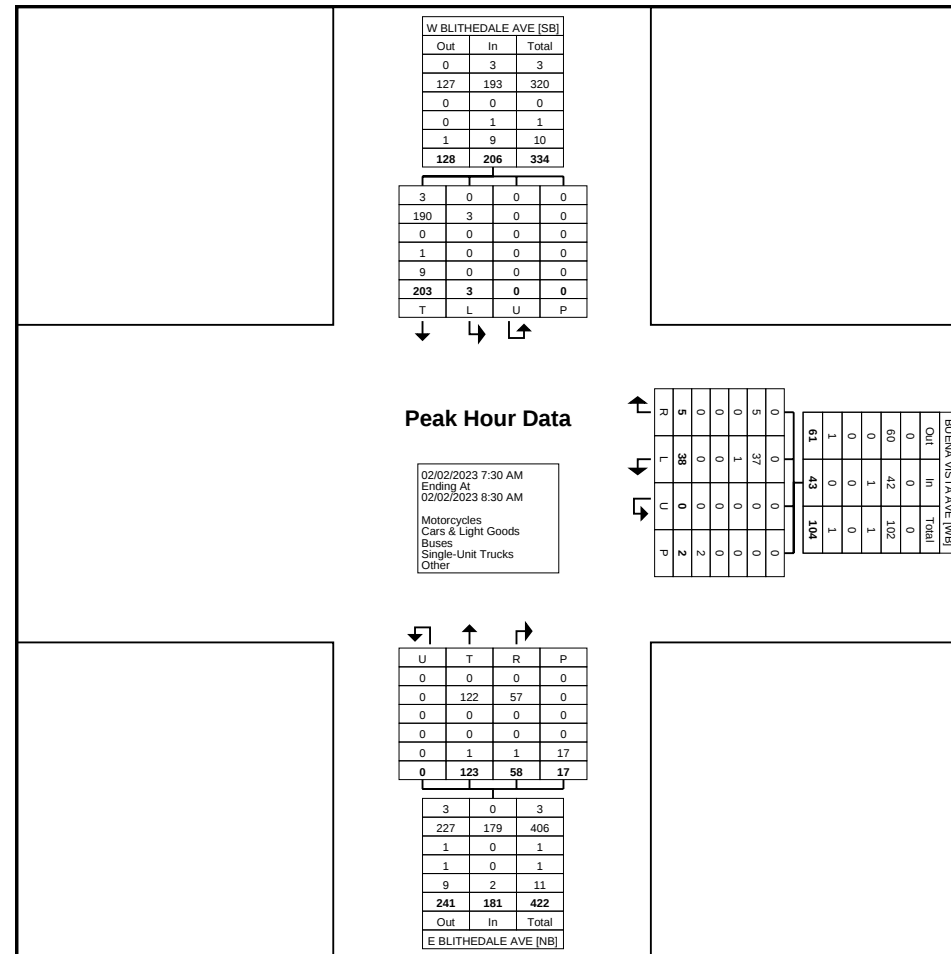
Turning Movement Peak Hour Data (7:30 AM)

Start Time	W BLITHEDALE AVE Southbound					BUENA VISTA AVE Westbound					E BLITHEDALE AVE Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
7:30 AM	38	1	0	0	39	1	8	0	1	9	16	41	0	3	57	105
7:45 AM	52	0	0	0	52	0	5	0	1	5	9	28	0	7	37	94
8:00 AM	65	1	0	0	66	2	9	0	0	11	8	31	0	4	39	116
8:15 AM	48	1	0	0	49	2	16	0	0	18	25	23	0	3	48	115
Total	203	3	0	0	206	5	38	0	2	43	58	123	0	17	181	430
Approach %	98.5	1.5	0.0	-	-	11.6	88.4	0.0	-	-	32.0	68.0	0.0	-	-	-
Total %	47.2	0.7	0.0	-	47.9	1.2	8.8	0.0	-	10.0	13.5	28.6	0.0	-	42.1	-
PHF	0.781	0.750	0.000	-	0.780	0.625	0.594	0.000	-	0.597	0.580	0.750	0.000	-	0.794	0.927
Motorcycles	3	0	0	-	3	0	0	0	-	0	0	0	0	-	0	3
% Motorcycles	1.5	0.0	-	-	1.5	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.7
Cars & Light Goods	190	3	0	-	193	5	37	0	-	42	57	122	0	-	179	414
% Cars & Light Goods	93.6	100.0	-	-	93.7	100.0	97.4	-	-	97.7	98.3	99.2	-	-	98.9	96.3
Buses	0	0	0	-	0	0	1	0	-	1	0	0	0	-	0	1
% Buses	0.0	0.0	-	-	0.0	0.0	2.6	-	-	2.3	0.0	0.0	-	-	0.0	0.2
Single-Unit Trucks	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Single-Unit Trucks	0.5	0.0	-	-	0.5	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.2
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Articulated Trucks	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Road	9	0	0	-	9	0	0	0	-	0	1	1	0	-	2	11
% Bicycles on Road	4.4	0.0	-	-	4.4	0.0	0.0	-	-	0.0	1.7	0.8	-	-	1.1	2.6
All Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	17	-	-
% All Pedestrians	-	-	-	-	-	-	-	-	100.0	-	-	-	-	100.0	-	-

Archived Examples_Actual Counts

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Count Name: Blithedale & Buena Vista
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Turning Movement Peak Hour Data Plot (7:30 AM)

Attachment Archived Examples_Actual Counts

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Count Name: Blithedale & Buena Vista
Site Code: 117
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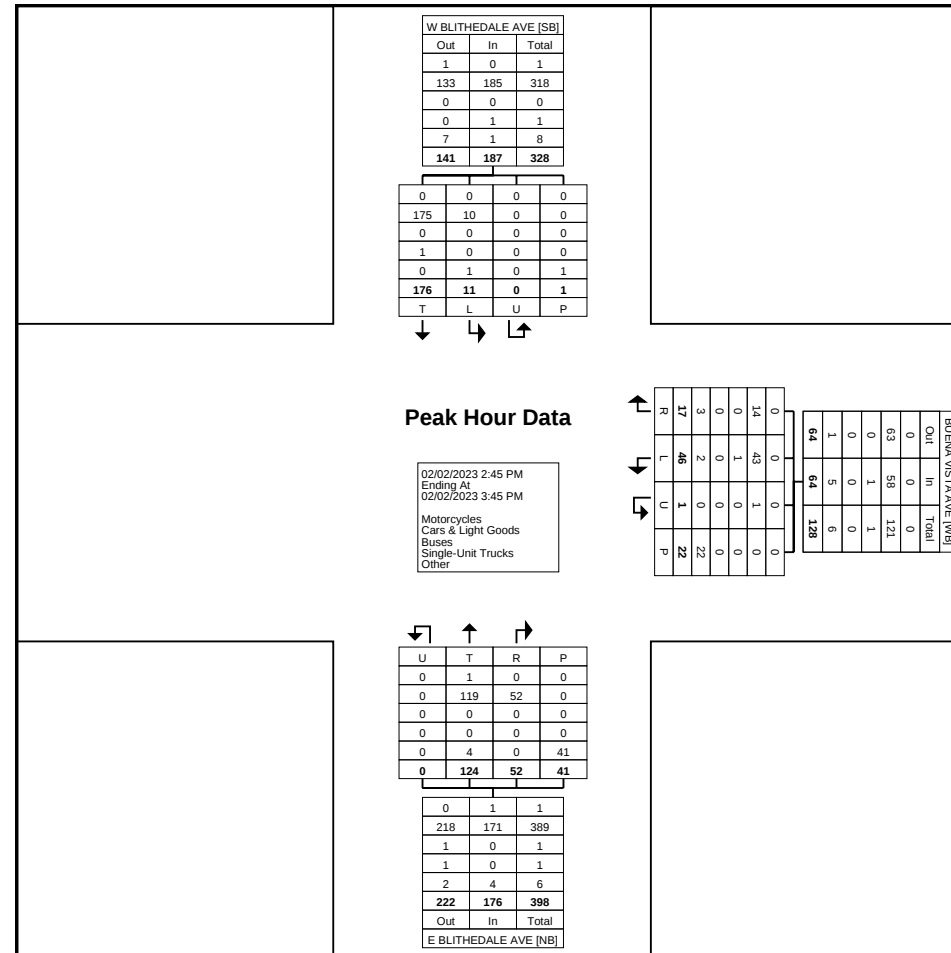
Turning Movement Peak Hour Data (2:45 PM)

Start Time	W BLITHEDALE AVE Southbound					BUENA VISTA AVE Westbound					E BLITHEDALE AVE Northbound					Int. Total
	Thru	Left	U-Turn	Peds	App. Total	Right	Left	U-Turn	Peds	App. Total	Right	Thru	U-Turn	Peds	App. Total	
2:45 PM	29	2	0	0	31	3	11	0	3	14	15	30	0	11	45	90
3:00 PM	43	4	0	0	47	2	15	0	8	17	16	30	0	16	46	110
3:15 PM	49	2	0	0	51	4	9	1	3	14	10	26	0	6	36	101
3:30 PM	55	3	0	1	58	8	11	0	8	19	11	38	0	8	49	126
Total	176	11	0	1	187	17	46	1	22	64	52	124	0	41	176	427
Approach %	94.1	5.9	0.0	-	-	26.6	71.9	1.6	-	-	29.5	70.5	0.0	-	-	-
Total %	41.2	2.6	0.0	-	43.8	4.0	10.8	0.2	-	15.0	12.2	29.0	0.0	-	41.2	-
PHF	0.800	0.688	0.000	-	0.806	0.531	0.767	0.250	-	0.842	0.813	0.816	0.000	-	0.898	0.847
Motorcycles	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1	1
% Motorcycles	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.8	-	-	0.6	0.2
Cars & Light Goods	175	10	0	-	185	14	43	1	-	58	52	119	0	-	171	414
% Cars & Light Goods	99.4	90.9	-	-	98.9	82.4	93.5	100.0	-	90.6	100.0	96.0	-	-	97.2	97.0
Buses	0	0	0	-	0	0	1	0	-	1	0	0	0	-	0	1
% Buses	0.0	0.0	-	-	0.0	0.0	2.2	0.0	-	1.6	0.0	0.0	-	-	0.0	0.2
Single-Unit Trucks	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Single-Unit Trucks	0.6	0.0	-	-	0.5	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.2
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Articulated Trucks	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Road	0	1	0	-	1	3	2	0	-	5	0	4	0	-	4	10
% Bicycles on Road	0.0	9.1	-	-	0.5	17.6	4.3	0.0	-	7.8	0.0	3.2	-	-	2.3	2.3
All Pedestrians	-	-	-	1	-	-	-	-	22	-	-	-	-	41	-	-
% All Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-

Archived Examples_Actual Counts

Traffic Data Service
6280 San Ignacio Avenue, Suite C
San Jose, California, United States 95119
(408) 622-4787 tdsbay@cs.com

Count Name: Blithedale & Buena Vista
Site Code: 117
Start Date: 02/01/2023
Page No: 11

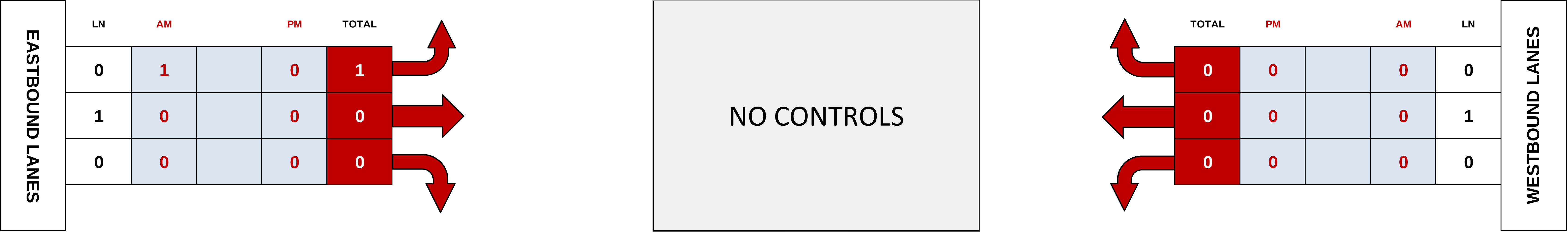
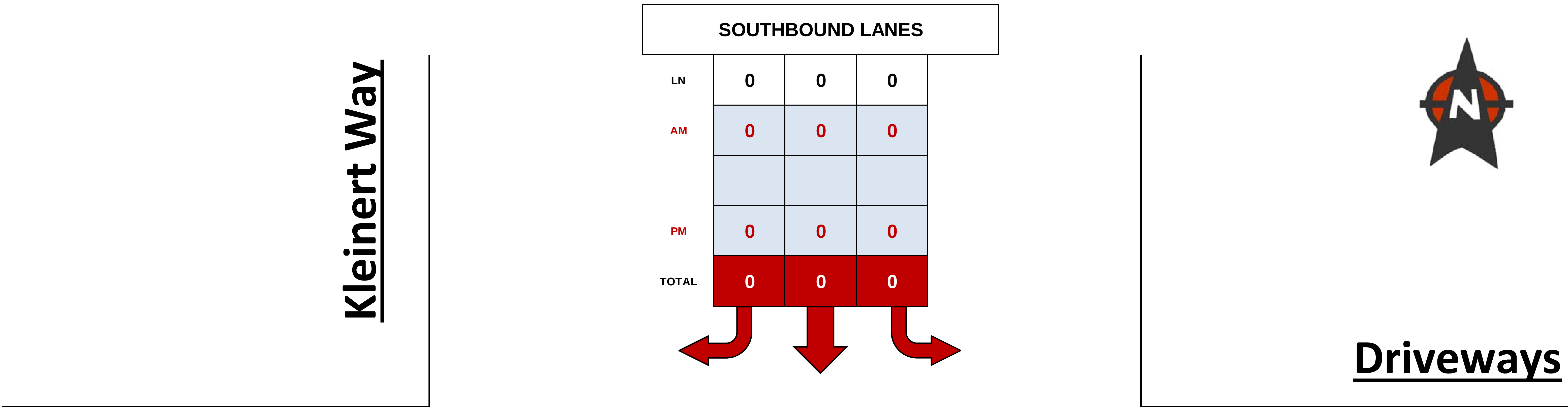


Turning Movement Peak Hour Data Plot (2:45 PM)

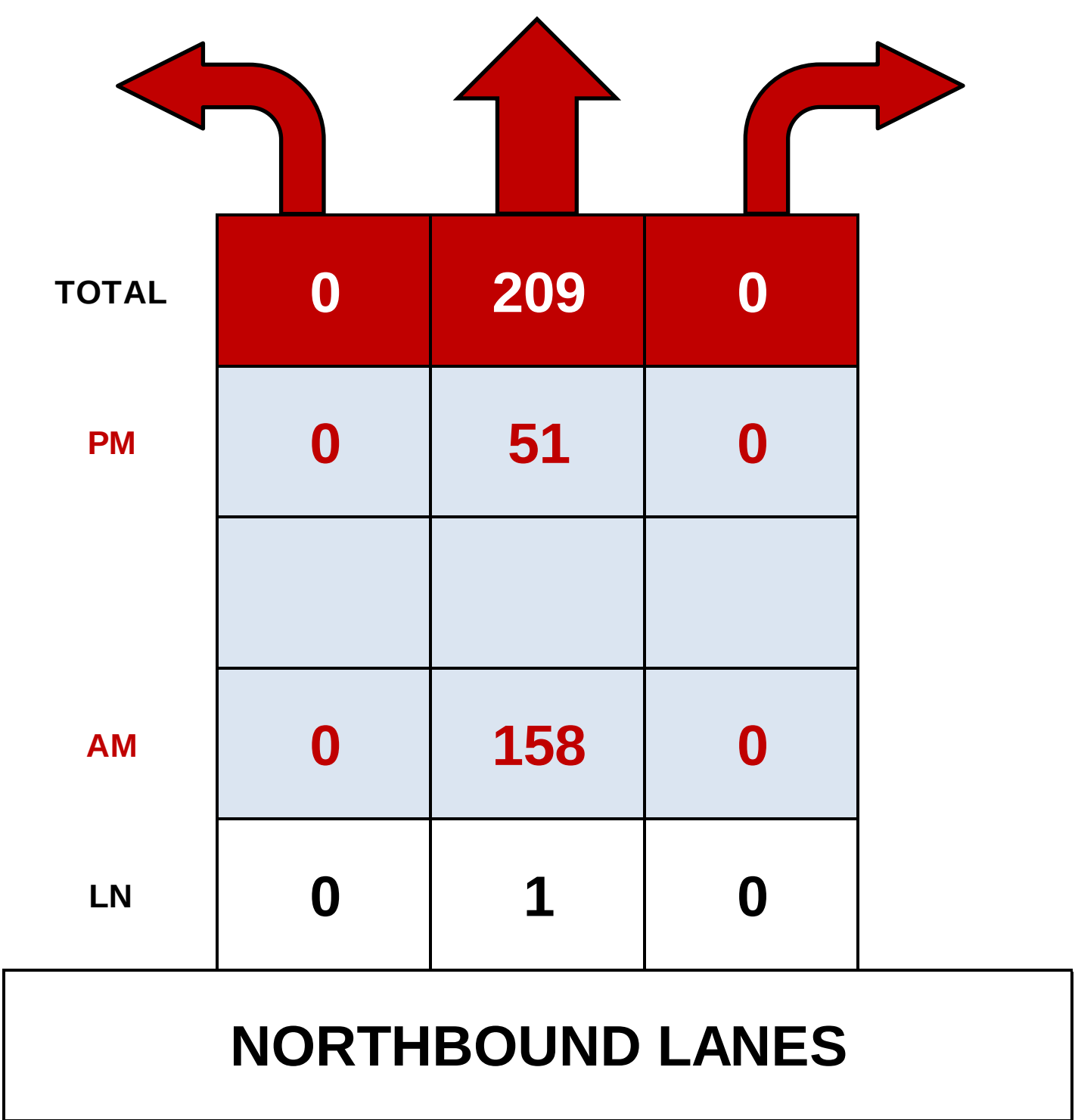
PEAK HOUR ITM SUMMARY

#131 Kleinert Way & Driveways

LOCATION#:	131	QTD PROJ#:	2022172	AM PEAK:	730 AM
NORTH / SOUTH:	Kleinert Way	DATE:	Tuesday, September 27, 2022		
EAST / WEST:	Driveways	VICINITY:	Marin County	PM PEAK:	200 PM



Driveways



AM COUNT	7:00 AM	TO	9:00 AM
PM COUNT	2:00 PM	TO	4:00 PM

VEHICLE TURNING MOVEMENT COUNT

#131 Kleinert Way & Driveways - AM PEAK

LOCATION#:	131	QTD PROJ#:	2022172
NORTH / SOUTH:	Kleinert Way	DATE:	Tuesday, September 27, 2022
EAST / WEST:	Driveways	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	0	1	0	0	0	0	0	1	0	0	1	0	
7:00 AM	0	5	0	0	0	0	0	0	0	0	0	0	5
7:15 AM	0	7	0	0	0	0	0	0	0	0	0	0	7
7:30 AM	0	17	0	0	0	0	0	0	0	0	0	0	17
7:45 AM	0	19	0	0	0	0	0	0	0	0	0	0	19
8:00 AM	0	63	0	0	0	0	0	0	0	0	0	0	63
8:15 AM	0	59	0	0	0	0	1	0	0	0	0	0	60
8:30 AM	0	9	0	0	0	0	0	0	0	0	0	0	9
8:45 AM	0	3	0	0	0	0	0	0	0	0	0	0	3

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	0	182	0	0	0	0	1	0	0	0	0	0	183
P.H.V: ₁	0	158	0	0	0	0	1	0	0	0	0	0	159
P.H.F: ₂		0.627			0.000			0.250			0.000		0.631

(1) Peak Hour Volume (Peak Hour Begins At 730 AM)

(2) Peak Hour Factor (directional aggregate)



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VEHICLE TURNING MOVEMENT COUNT

#131 Kleinert Way & Driveways - PM PEAK

LOCATION#:	131	QTD PROJ#:	2022172
NORTH / SOUTH:	Kleinert Way	DATE:	Tuesday, September 27, 2022
EAST / WEST:	Driveways	VICINITY:	Marin County

DIRECTION:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTALS
LANES:	0	1	0	0	0	0	0	1	0	0	1	0	
2:00 PM	0	4	0	0	0	0	0	0	0	0	0	0	4
2:15 PM	0	17	0	0	0	0	0	0	0	0	0	0	17
2:30 PM	0	22	0	0	0	0	0	0	0	0	0	0	22
2:45 PM	0	8	0	0	0	0	0	0	0	0	0	0	8
3:00 PM	0	3	0	0	0	0	0	0	0	0	0	0	3
3:15 PM	0	1	0	0	0	0	1	0	0	0	0	0	2
3:30 PM	0	3	0	0	0	0	0	0	0	0	0	0	3
3:45 PM	0	11	0	0	0	0	0	0	0	0	0	0	11

VOLUME STATS:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
TOTAL:	0	69	0	0	0	0	1	0	0	0	0	0	70
P.H.V: ₁	0	51	0	0	0	0	0	0	0	0	0	0	51
P.H.F: ₂		0.580			0.000			0.000			0.000		0.580

(1) Peak Hour Volume (Peak Hour Begins At 200 PM)

(2) Peak Hour Factor (directional aggregate)



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