

AMHERST AVENUE BIKEWAY

Existing Conditions
March 26, 2019

2.3 EXISTING PARKING

On street parking is provided along Amherst Avenue within the study area in both directions. All cross-streets within the study area, except MD 193 also have on-street parking in both directions. (Refer to Table 1. On-Street Parking).

Table 1. On-Street Parking

Amherst Avenue Block	Side	Capacity	Max. Vehicles Parked	Type/Operational Hours	Utilization
Windham La to Prichard Rd	East	44	23	Permit	52%
Prichard Rd to Reedie Dr	East	25	12	Permit	48%
Reedie Dr to MD 193 (University Dr)	East	7	3	3 Hr Metered 9am-6pm (Ex. Sun)	43%
MD 193 (University Dr) to Blueridge Ave	East	9	9	1 Hr Metered 9am-6pm (Ex. Sun)	100%
Blueridge Ave to Elkin St	East	18	13	2 Hr 9am-5pm (Ex. Sun) or Permit	72%
Elkin St to Arcola Ave	East	16	2	2 Hr 9am-5pm (Ex. Sun) or Permit	13%
Arcola Ave to Elkin St	West	15	10	No Restrictions	67%
Elkin St to Blueridge Ave	West	17	17	No Restrictions	100%
Blueridge Ave MD 193 (University Dr)	West	17	15	2 Hr Metered 9am-6pm (Ex. Sun)	88%
MD 193 (University Dr) to Reedie Dr	West	19	7	1 Hr Metered 9am-6pm (Ex. Sun)	37%
Reedie Dr to Prichard Rd	West	32	28	9 Hr Metered 9am-6pm (Ex. Sun)	88%
Prichard Rd to Windam La	West	28	13	8 AM - 7 PM	46%

2.4 EXISTING TRAFFIC DATA

Peak hour turning movement counts (TMC) were collected at the seven (7) of the key intersections along Amherst Avenue on a weekday (Tuesday, 12/04/18 or Thursday 12/06/18) (6:30am – 9:30am, 4:00pm – 7:00pm) and on a Saturday (12/08/18) (1:00pm – 4:00pm). The AM, PM, and Saturday peak hours were



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determined to be 7:30am – 8:30am, 5:00pm – 6:00pm, and 1:00pm – 2:00pm. (Refer to Figure 4. Existing Traffic Volumes (2018)).

Traffic counts for the MD 193 (University Boulevard) intersection was obtained from SHA's Internet Traffic Monitoring System (I-TMS). The MD 193 counts were collected on 11/01/2017 and were projected to 2018 using a 2% growth rate estimated from the AADT trend at the ATR station on MD 193, 0.10 miles East of MD 97. Weekend AADT was estimated similarly and hourly distribution estimated using statewide average for a weekend in December on urban 'other' roadways. (Refer to Appendix A – Existing Traffic Counts).

2.4.1 Bicycle and Pedestrian Volumes

Bicycle counts were collected at the key intersections along Amherst Avenue. The bicycle volumes along Amherst Avenue was approximately one (1) bicycle per hour for each direction during the AM peak period PM peak period and Saturday peak period. (Refer to Figure 5. Existing Bicycle Volumes (2018)).

Pedestrian volumes are heaviest across the west leg of the intersection of MD 193 and Amherst Avenue. (Refer to Figure 6. Existing Pedestrian Volumes (2018)).



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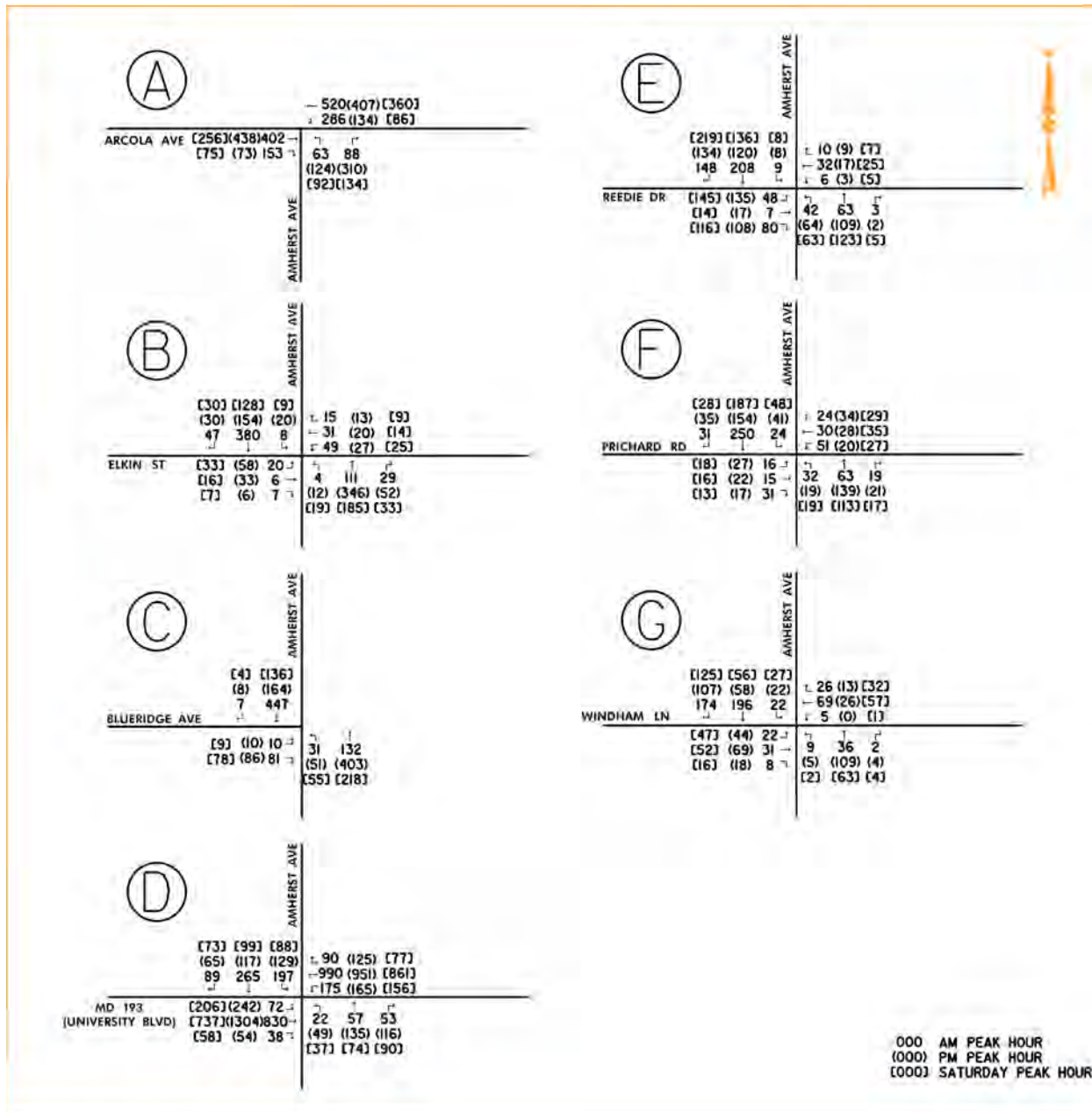


Figure 4. Existing Traffic Volumes (2018)



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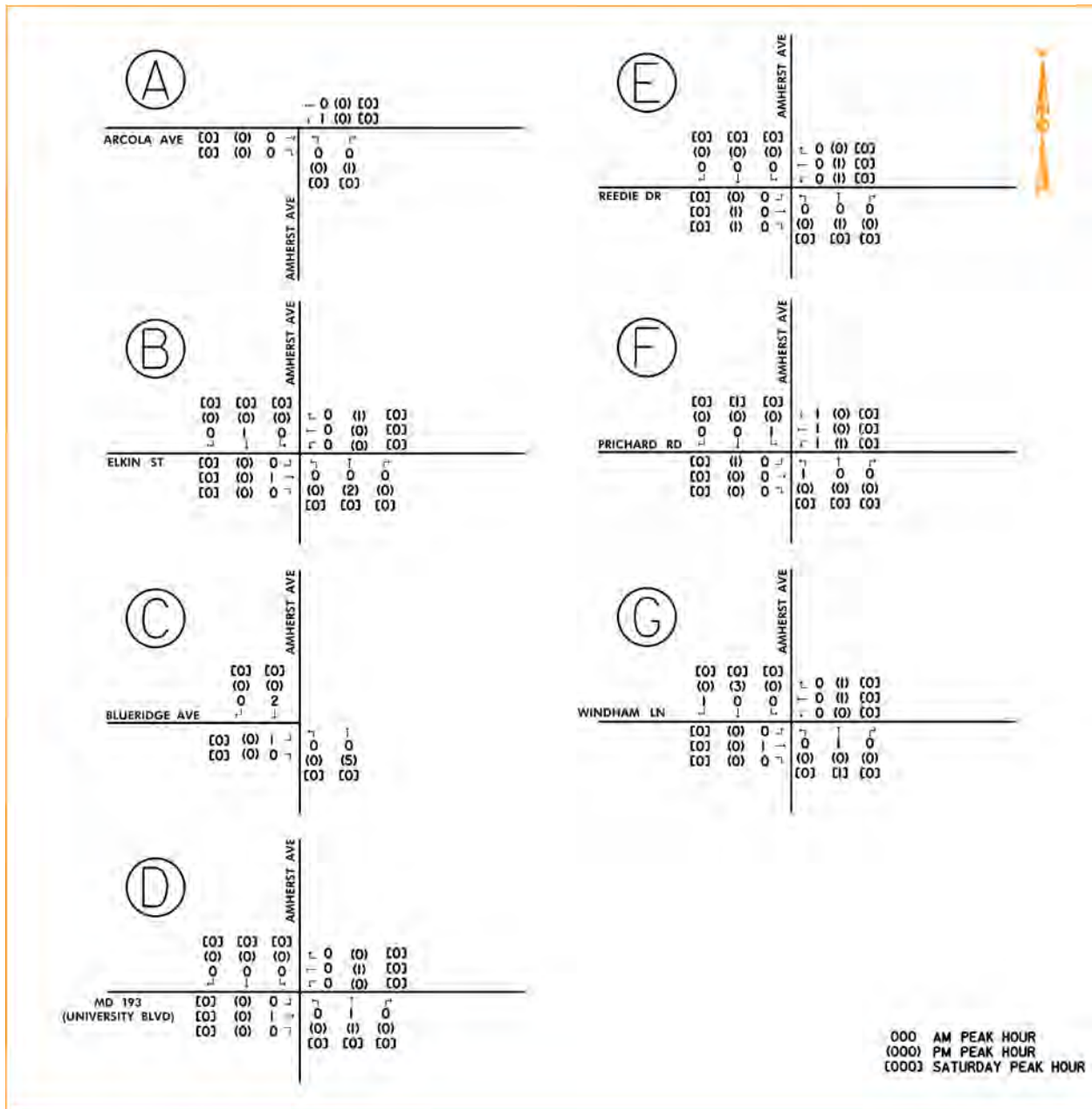


Figure 5. Existing Bicycle Volumes (2018)



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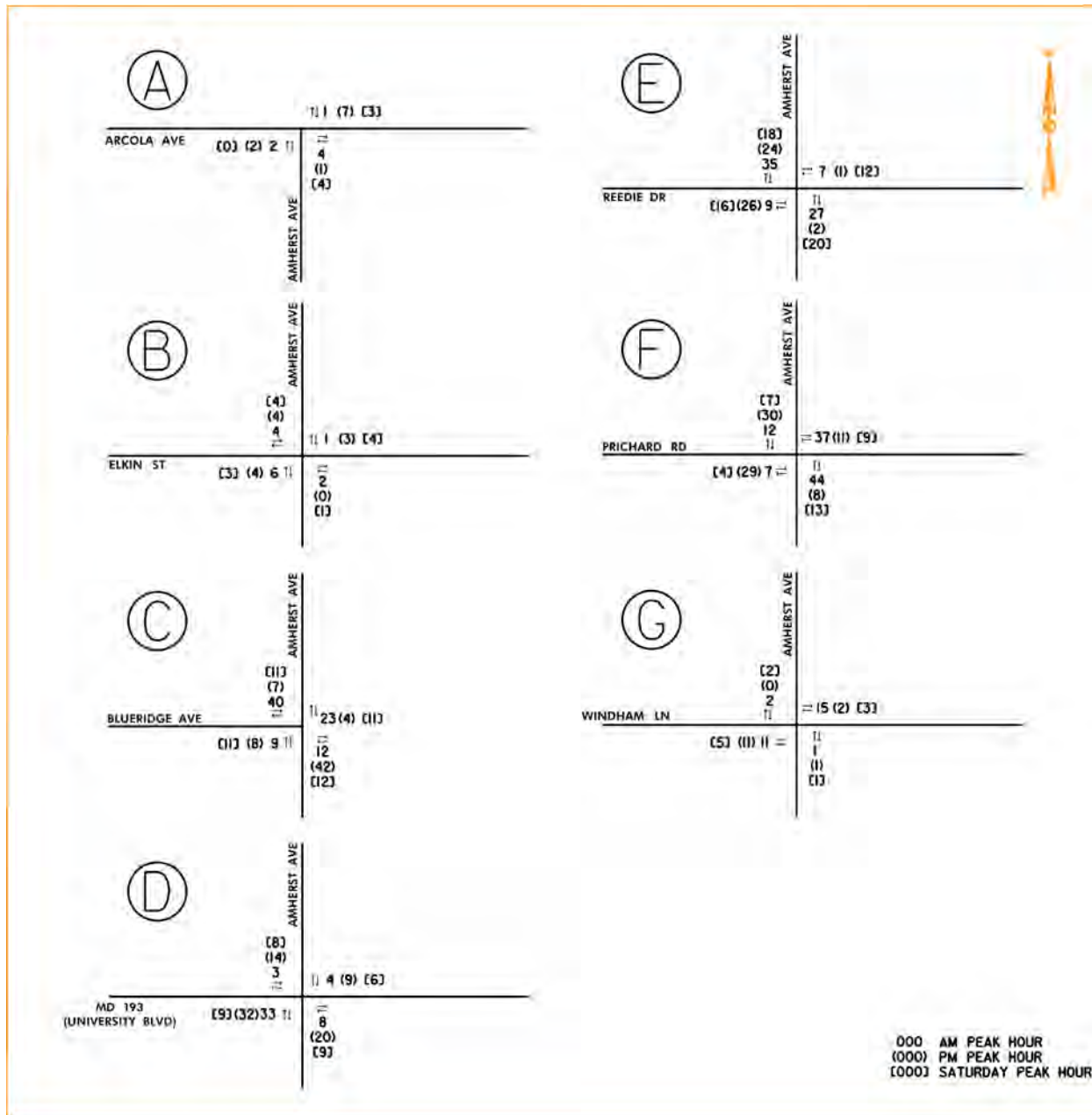


Figure 6. Existing Pedestrian Volumes (2018)

