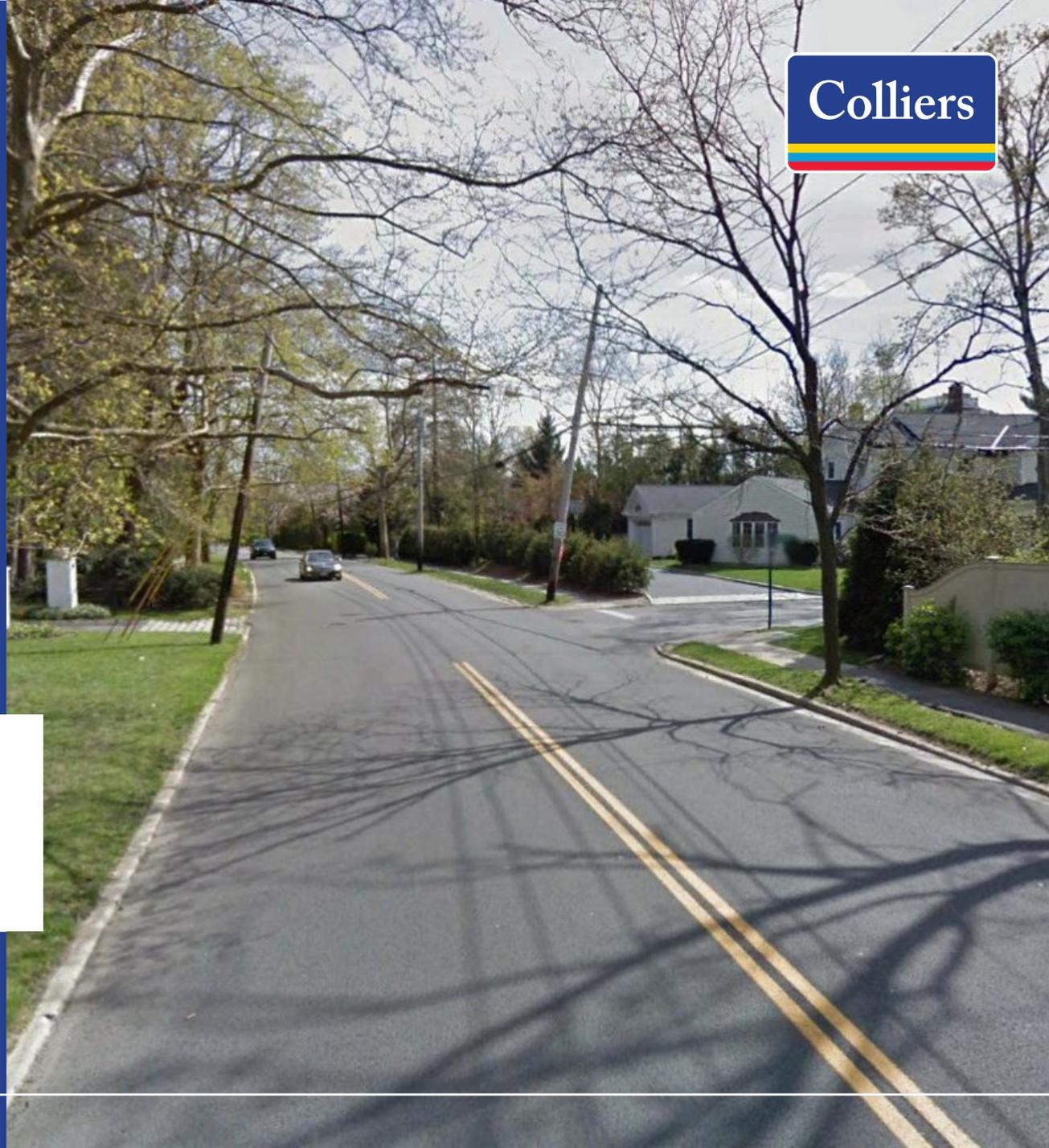


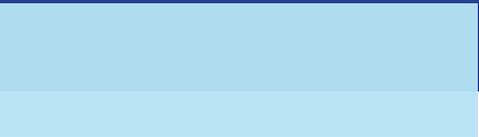
Route 22 Crosswalk Evaluation

Village of Bronxville
Colliers Engineering & Design



Traffic Count Summary

- Counts conducted at Route 22 intersection with:
 - Paddington Road
 - Elm Rock Road
 - Dusenberry Road
 - South Road
 - Woodland Avenue
- Weekday Traffic Counts, Tues-Thurs, 7 AM – 9 AM & 2 PM – 4 PM
 - Week 1: 5/23 – 5/25 – 60 hours
 - Week 2: 5/30 – 6/1 – 60 hours
 - Week 3: 6/6 – 6/8 – 60 hours
- Saturday Traffic Counts 9 AM – 1 PM
 - Week 1: 6/3 – 20 hours
 - Week 2: 6/10 – 20 hours
- Total Hours: 220



Pedestrian Count Summary

TABLE NO. 1A

WEEKDAY AM COUNT DATA SUMMARY - 7:00 AM - 8:00 AM

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL	AVERAGE
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23		
		AM	AM	AM	AM	AM	AM	AM	AM	AM		
		7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8		
1	NYS ROUTE 22 & PADDINGTON ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	639	634	590	548	610	650	631	653	608	5563	618.1
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	7	0	4	1	10	12	9	2	0	45	5.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	1	1	0	0	2	0	0	0	4	0.4
	TOTAL PEDESTRAIN MOVEMENTS	7	1	5	1	10	14	9	2	0	49	5.4
2	NYS ROUTE 22 & ELM ROCK ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	675	644	619	555	628	668	649	652	624	5714	634.9
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	3	0	0	0	0	0	1	0	4	0.4
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	1	1	0	0	0	0	0	0	2	0.2
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	12	6	6	4	4	11	11	5	4	63	7.0
	TOTAL PEDESTRAIN MOVEMENTS	12	10	7	4	4	11	11	6	4	69	7.7
3	NYS ROUTE 22 & DUSENBERRY ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	656	650	612	551	617	674	649	671	629	5709	634.3
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	2	2	1	2	1	0	1	1	1	11	1.2
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	5	7	2	8	4	5	6	0	0	37	4.1
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	0	0	0	0	1	0	1	0	0	2	0.2
	TOTAL PEDESTRAIN MOVEMENTS	7	9	3	10	6	5	8	1	1	50	5.6
4	NYS ROUTE 22 & SOUTH ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	637	645	613	557	627	676	640	642	622	5659	628.8
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	3	0	3	0	0	6	0.7
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	2	2	1	0	0	2	0	1	0	8	0.9
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	0	3	0	0	3	0	0	1	0	7	0.8
	TOTAL PEDESTRAIN MOVEMENTS	2	5	1	0	6	2	3	2	0	21	2.3
5	NYS ROUTE 22 & WOODLAND AVENUE											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	677	678	638	578	648	699	659	680	641	5898	655.3
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	10	5	6	5	6	7	7	8	4	58	6.4
	TOTAL PEDESTRAIN MOVEMENTS	10	5	6	5	6	7	7	8	4	58	6.4

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

Highlighted number reflects greatest recorded count on Route 22 approaches

Note: June 6, 7 and 8 were considered health quality alert days

TABLE NO. 1B

WEEKDAY AM COUNT DATA SUMMARY - 7:30 AM - 8:30 AM

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL	AVERAGE
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23		
		AM										
		7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30
1	NYS ROUTE 22 & PADDINGTON ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	872	885	876	735	881	894	910	888	894	7835	870.6
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	14	17	10	9	19	14	15	8	0	106	11.8
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	1	0	1	1	0	1	1	0	0	5	0.6
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	TOTAL PEDESTRAIN MOVEMENTS	15	1	11	10	19	15	16	8	0	95	10.6
2	NYS ROUTE 22 & ELM ROCK ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	929	917	920	760	919	916	950	907	929	8147	905.2
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	4	6	0	3	2	2	4	1	0	22	2.4
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	1	3	0	0	4	0.4
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	12	11	9	7	5	13	9	5	11	82	9.1
	TOTAL PEDESTRAIN MOVEMENTS	16	17	9	10	7	16	16	6	11	108	12.0
3	NYS ROUTE 22 & DUSENBERRY ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	911	917	913	748	923	917	938	916	932	8115	901.7
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	5	2	4	1	2	1	2	2	1	20	2.2
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	8	12	3	15	4	6	6	0	4	58	6.4
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	0	0	0	0	0	0	2	0	0	2	0.2
	TOTAL PEDESTRAIN MOVEMENTS	13	14	7	16	6	7	10	2	5	80	8.9
4	NYS ROUTE 22 & SOUTH ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	901	919	925	775	926	915	938	908	929	8136	904.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	4	2	5	0	0	11	1.2
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	2	2	0	0	5	4	0	2	0	15	1.7
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	0	0	0	0	0	1	0	0	0	1	0.1
	TOTAL PEDESTRAIN MOVEMENTS	2	2	0	0	9	7	5	2	0	27	3.0
5	NYS ROUTE 22 & WOODLAND AVENUE											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	948	954	972	796	950	944	975	954	963	8456	939.6
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	13	5	5	14	7	12	15	7	8	86	9.6
	TOTAL PEDESTRAIN MOVEMENTS	13	5	5	14	7	12	15	7	8	86	9.6

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 1C

WEEKDAY AM COUNT DATA SUMMARY - 8:00 AM - 9:00 AM

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL	AVERAGE
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23		
		AM	AM	AM	AM	AM	AM	AM	AM	AM		
		8 - 9	8 - 9	8 - 9	8 - 9	8 - 9	8 - 9	8 - 9	8 - 9	8 - 9		
1	NYS ROUTE 22 & PADDINGTON ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	818	871	847	758	886	888	926	877	869	7740	860.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	11	17	6	9	14	10	9	7	3	86	9.6
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	1	0	2	2	0	1	1	0	0	7	0.8
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	TOTAL PEDESTRAIN MOVEMENTS	12	17	8	11	14	11	10	7	3	93	10.3
2	NYS ROUTE 22 & ELM ROCK ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	856	899	888	790	929	911	964	905	895	8037	893.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	5	7	0	3	4	3	6	0	0	28	3.1
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	1	0	1	0	0	2	3	0	0	7	0.8
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	7	11	10	8	5	12	16	3	16	88	9.8
	TOTAL PEDESTRAIN MOVEMENTS	13	18	11	11	9	17	25	3	16	123	13.7
3	NYS ROUTE 22 & DUSENBERRY ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	863	899	877	782	934	912	949	890	900	8006	889.6
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	4	2	4	2	2	6	1	2	0	23	2.6
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	7	11	3	11	5	6	2	0	6	51	5.7
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	0	0	0	0	1	0	1	0	3	5	0.6
	TOTAL PEDESTRAIN MOVEMENTS	11	13	7	13	8	12	4	2	9	79	8.8
4	NYS ROUTE 22 & SOUTH ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	879	909	886	799	930	899	948	891	905	8046	894.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	1	2	2	0	0	5	0.6
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	2	0	0	0	3	1	2	1	9	1.0
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	0	0	0	0	2	1	1	0	0	4	0.4
	TOTAL PEDESTRAIN MOVEMENTS	0	2	0	0	3	6	4	2	1	18	2.0
5	NYS ROUTE 22 & WOODLAND AVENUE											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	894	931	937	812	952	920	991	923	932	8292	921.3
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	12	8	8	13	9	10	16	4	5	85	9.4
	TOTAL PEDESTRAIN MOVEMENTS	12	8	8	13	9	10	16	4	5	85	9.4

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 1D

WEEKDAY PM COUNT DATA SUMMARY - 2:00 PM - 3:00 PM

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL	AVERAGE
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23		
		PM	PM	PM	PM	PM	PM	PM	PM	PM		
		2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
1	NYS ROUTE 22 & PADDINGTON ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	769	816	903	767	788	859	888	921	899	7610	845.6
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	1	0	0	0	0	1	0.1
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	1	0	0	0	0	0	0	0	0	1	0.1
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	0	0	1	1	1	0	0	0	3	0.3
	TOTAL PEDESTRAIN MOVEMENTS	1	0	0	1	2	1	0	0	0	5	0.6
2	NYS ROUTE 22 & ELM ROCK ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	789	853	982	796	826	890	913	921	945	7915	879.4
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	1	0	0	1	0	1	0	2	5	0.6
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	2	0	0	11	13	1.4
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	11	7	1	10	4	5	9	3	6	56	6.2
	TOTAL PEDESTRAIN MOVEMENTS	11	8	1	10	5	7	10	3	19	74	8.2
3	NYS ROUTE 22 & DUSENBERRY ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	802	850	985	790	835	883	912	933	940	7930	881.1
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	1	0	0	3	1	0	5	0.6
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	3	0	0	3	0	2	0	2	10	1.1
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	0	0	0	2	1	0	1	0	0	4	0.4
	TOTAL PEDESTRAIN MOVEMENTS	0	3	0	3	4	0	6	1	2	19	2.1
4	NYS ROUTE 22 & SOUTH ROAD											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	804	829	991	790	816	876	921	937	943	7907	878.6
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	1	1	0	0	0	1	3	0.3
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	0	0	0	0	1	1	0	0	1	3	0.3
	TOTAL PEDESTRAIN MOVEMENTS	0	0	0	1	2	1	0	0	2	6	0.7
5	NYS ROUTE 22 & WOODLAND AVENUE											
	TOTAL INTERSECTION VOLUME ⁽¹⁾	839	867	1001	807	832	894	929	957	970	8096	899.6
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0	0	0	0	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	8	5	5	7	4	6	9	2	6	52	5.8
	TOTAL PEDESTRAIN MOVEMENTS	8	5	5	7	4	6	9	2	6	52	5.8

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 2A

SATURDAY COUNT DATA SUMMARY - 9:00 AM - 10:00 AM

		SATURDAY	SATURDAY	TOTAL	AVERAGE
		06.03.23	06.10.23		
		AM	AM		
		9 - 10	9 - 10		
1	NYS ROUTE 22 & PADDINGTON ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	476	499	975	487.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	3	1	4	2.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	1	1	0.5
	TOTAL PEDESTRAIN MOVEMENTS	3	2	5	2.5
2	NYS ROUTE 22 & ELM ROCK ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	490	525	1015	507.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	16	8	24	12.0
	TOTAL PEDESTRAIN MOVEMENTS	16	8	24	12.0
3	NYS ROUTE 22 & DUSENBERRY ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	495	526	1021	510.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	10	1	11	5.5
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	1	1	2	1.0
	TOTAL PEDESTRAIN MOVEMENTS	11	2	13	6.5
4	NYS ROUTE 22 & SOUTH ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	491	521	1012	506.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	2	0	2	1.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	1	0	1	0.5
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	0	1	1	0.5
	TOTAL PEDESTRAIN MOVEMENTS	3	1	4	2.0
5	NYS ROUTE 22 & WOODLAND AVENUE				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	516	526	1042	521.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	12	7	19	9.5
	TOTAL PEDESTRAIN MOVEMENTS	12	7	19	9.5

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 2B

SATURDAY COUNT DATA SUMMARY - 10:00 AM - 11:00 AM

		SATURDAY	SATURDAY	TOTAL	AVERAGE
		06.03.23	06.10.23		
		AM	AM		
		10 - 11	10 - 11	10 - 11	10 - 11
1	NYS ROUTE 22 & PADDINGTON ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	603	538	1141	570.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	2	2	4	2.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	1	1	0.5
	TOTAL PEDESTRAIN MOVEMENTS	2	3	5	2.5
2	NYS ROUTE 22 & ELM ROCK ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	635	566	1201	600.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	2	2	1.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	8	7	15	7.5
	TOTAL PEDESTRAIN MOVEMENTS	8	9	17	8.5
3	NYS ROUTE 22 & DUSENBERRY ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	636	577	1213	606.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	1	1	0.5
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	6	4	10	5.0
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	0	2	2	1.0
	TOTAL PEDESTRAIN MOVEMENTS	6	7	13	6.5
4	NYS ROUTE 22 & SOUTH ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	633	576	1209	604.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	3	2	5	2.5
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	2	0	2	1.0
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	1	1	2	1.0
	TOTAL PEDESTRAIN MOVEMENTS	6	3	9	4.5
5	NYS ROUTE 22 & WOODLAND AVENUE				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	658	598	1256	628.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	7	6	13	6.5
	TOTAL PEDESTRAIN MOVEMENTS	7	6	13	6.5

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 2C

SATURDAY COUNT DATA SUMMARY - 11:00 AM - 12:00 PM

		SATURDAY	SATURDAY	TOTAL	AVERAGE
		06.03.23	06.10.23		
		AM	AM		
		11 - 12	11 - 12	11 - 12	11 - 12
1	NYS ROUTE 22 & PADDINGTON ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	661	594	1255	627.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	3	3	1.5
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	1	0	1	0.5
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	1	1	0.5
	TOTAL PEDESTRAIN MOVEMENTS	1	4	5	2.5
2	NYS ROUTE 22 & ELM ROCK ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	699	623	1322	661.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	2	2	4	2.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	6	11	17	8.5
	TOTAL PEDESTRAIN MOVEMENTS	8	13	21	10.5
3	NYS ROUTE 22 & DUSENBERRY ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	680	616	1296	648.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	3	1	4	2.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	5	1	6	3.0
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	2	3	5	2.5
	TOTAL PEDESTRAIN MOVEMENTS	10	5	15	7.5
4	NYS ROUTE 22 & SOUTH ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	677	600	1277	638.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	0	0	0	0.0
	TOTAL PEDESTRAIN MOVEMENTS	0	0	0	0.0
5	NYS ROUTE 22 & WOODLAND AVENUE				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	699	609	1308	654.0
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	5	12	17	8.5
	TOTAL PEDESTRAIN MOVEMENTS	5	12	17	8.5

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 2D

SATURDAY COUNT DATA SUMMARY - 12:00 PM - 1:00 PM

		SATURDAY	SATURDAY	TOTAL	AVERAGE
		06.03.23	06.10.23		
		PM	PM		
		12 - 1	12 - 1	12 - 1	12 - 1
1	NYS ROUTE 22 & PADDINGTON ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	675	652	1327	663.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	5	0	5	2.5
	PEDESTRIANS CROSSING PADDINGTON ROAD EAST APPROACH	0	0	0	0.0
	TOTAL PEDESTRAIN MOVEMENTS	5	0	5	2.5
2	NYS ROUTE 22 & ELM ROCK ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	702	681	1383	691.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING ELM ROCK ROAD WEST APPROACH	12	2	14	7.0
	TOTAL PEDESTRAIN MOVEMENTS	12	2	14	7.0
3	NYS ROUTE 22 & DUSENBERRY ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	715	678	1393	696.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	2	1	3	1.5
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	2	2	4	2.0
	PEDESTRIANS CROSSING DUSENBERRY ROAD EAST APPROACH	0	1	1	0.5
	TOTAL PEDESTRAIN MOVEMENTS	4	4	8	4.0
4	NYS ROUTE 22 & SOUTH ROAD				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	701	686	1387	693.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	2	3	5	2.5
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	5	5	2.5
	PEDESTRIANS CROSSING SOUTH ROAD EAST APPROACH	1	4	5	2.5
	TOTAL PEDESTRAIN MOVEMENTS	3	12	15	7.5
5	NYS ROUTE 22 & WOODLAND AVENUE				
	TOTAL INTERSECTION VOLUME ⁽¹⁾	736	705	1441	720.5
	PEDESTRIANS CROSSING NYS ROUTE 22 NORTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING NYS ROUTE 22 SOUTH APPROACH	0	0	0	0.0
	PEDESTRIANS CROSSING WOODLAND AVENUE WEST APPROACH	4	6	10	5.0
	TOTAL PEDESTRAIN MOVEMENTS	4	6	10	5.0

1) TOTAL OF ALL APPROACHED, INCLUDES PASSENGER CARS, BUSES AND TRUCKS

TABLE NO. 3
9 DAY - NYS ROUTE 22 PEDESTRIAN SUMMARY- WEEKDAY AM

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23	
		AM									
		7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00	7:00 - 8:00
1	NYS ROUTE 22 & PADDINGTON ROAD PEDESTRIANS CROSSING NYS ROUTE 22	7	0	4	1	10	12	9	2	0	45
2	NYS ROUTE 22 & ELM ROCK ROAD PEDESTRIANS CROSSING NYS ROUTE 22	0	4	1	0	0	0	0	1	0	6
3	NYS ROUTE 22 & DUSENBERRY ROAD PEDESTRIANS CROSSING NYS ROUTE 22	7	9	3	10	5	5	7	1	1	48
	3 - INTERSECTION TOTAL PEDESTRIAN CROSSINGS	14	13	8	11	15	17	16	4	1	99

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23	
		AM									
		7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30	7:30 - 8:30
1	NYS ROUTE 22 & PADDINGTON ROAD PEDESTRIANS CROSSING NYS ROUTE 22	15	17	11	10	19	15	16	8	0	111
2	NYS ROUTE 22 & ELM ROCK ROAD PEDESTRIANS CROSSING NYS ROUTE 22	4	6	0	3	2	3	7	1	0	26
3	NYS ROUTE 22 & DUSENBERRY ROAD PEDESTRIANS CROSSING NYS ROUTE 22	13	14	7	16	6	7	8	2	5	78
	3 - INTERSECTION TOTAL PEDESTRIAN CROSSINGS	32	37	18	29	27	25	31	11	5	215

		TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY	TOTAL
		05.23.23	05.24.23	05.25.23	05.30.23	05.31.23	06.01.23	06.06.23	06.07.23	06.08.23	
		AM									
		8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00	8:00 - 9:00
1	NYS ROUTE 22 & PADDINGTON ROAD PEDESTRIANS CROSSING NYS ROUTE 22	12	17	8	11	14	11	10	7	3	93
2	NYS ROUTE 22 & ELM ROCK ROAD PEDESTRIANS CROSSING NYS ROUTE 22	6	7	1	3	4	5	9	0	0	35
3	NYS ROUTE 22 & DUSENBERRY ROAD PEDESTRIANS CROSSING NYS ROUTE 22	11	13	7	13	7	12	3	2	6	74
	3 - INTERSECTION TOTAL PEDESTRIAN CROSSINGS	29	37	16	27	25	28	22	9	9	202

PEDESTRIAN COUNTS COLLECTED BY REPRESENTATIVES OF COLLIERS ENGINEERING & DESIGN

Highlighted number reflects greatest recorded count

- Threshold for marked crossing: 20 pedestrians (or 15 if elderly, disabled or children) per hour
- Individual intersections do not meet criteria
- Combined pedestrian traffic from Paddington, Elm Rock and Dusenberry meet criteria
- Pedestrian counts are similar to data recorded by Village (May 2021)

Village Recorded Data

Pedestrian Counts on Route 22/White Plains Road

White Plains Road Crosswalk Assessment

12-May-21	7:30AM - 8:00AM	8:00AM - 8:30AM	2:00PM - 2:30PM	3:00PM - 3:30PM
Adults	4	6		
Children	5	12		

13-May-21	7:30AM - 8:00AM	8:00AM - 8:30AM	2:00PM - 2:30PM	3:00PM - 3:30PM
Adults	4	6		
Children	6	8		

Throughout the morning, nearly all pedestrians traveled from Paddington and Dusenberry to Elm Rock.

18-May-21	7:30AM - 8:00AM	8:00AM - 8:30AM	2:00PM - 2:30PM	3:00PM - 3:30PM
Adults	10	2		
Children	8	2		

From 7:45AM - 8:00AM the pedestrians are split evenly between Fordal to Sussex and Paddington to Elm Rock. Remainder of the morning, pedestrians traveling from Dusenberry to Elm Rock.

20-May-21	7:30AM - 8:00AM	8:00AM - 8:30AM	2:00PM - 2:30PM	3:00PM - 3:30PM
Adults	4	11		
Children	8	12		

Marked Crossing Guidance from NYSDOT Highway Design Manual

Exhibit 18-20 Recommendations for Installing Marked Crosswalks and Other Needed Pedestrian Improvements at Uncontrolled Locations *

No. of Lanes and Median Type	Vehicle AADT < 9,000			Vehicle AADT > 9,000 to 12,000			Vehicle AADT > 12,000 to 15,000			Vehicle AADT > 15,000		
	Speed Limit**											
	<30 mph	35 mph	40 mph	<30 mph	35 mph	40 mph	<30 mph	35 mph	40 mph	<30 mph	35 mph	40 mph
2 Lanes	C	C	P	C	C	P	C	C	N	C	P	N
3 Lanes	C	C	P	C	P	P	P	P	N	P	N	N
4 or more Lanes With Raised Median	C	C	P	C	P	N	P	P	N	N	N	N
4 or More Lanes Without Raised Median	C	P	N	P	P	N	N	N	N	N	N	N

Source: *Safety Effects of Marked Vs. Unmarked Crosswalks at Uncontrolled Locations: Executive Summary and Recommended Guidelines*, Federal Highway Administration.

C = Candidate sites for marked crosswalks. Before installing new marked crosswalks, an engineering study is needed to determine whether the location is suitable for a marked crosswalk. For an engineering study, a site review may be sufficient at some locations, while a more in-depth study of pedestrian volume, walking speed, vehicle speed, sight distance, vehicle mix, etc., may be needed at other sites. It is recommended that a minimum of 20 pedestrian crossings per peak hour (or 15 or more disabled, elderly, or child pedestrians) exist at a location before placing a high priority on the installation of a marked crosswalk alone.

P = Possible increase in pedestrian crash risk may occur if crosswalks are added without adequate design features and/or traffic control devices. These locations should be closely monitored and enhanced with other pedestrian crossing improvements, if necessary, before adding a marked crosswalk.

N = Marked crosswalks alone are insufficient, since pedestrian crash risk may be increased due to providing marked crosswalks alone. Consider using other treatments where warranted, such as traffic calming treatments, pedestrian signals, various signal phasing and progressions to improve pedestrian safety, ITS and accessible signals, and other substantial improvements to provide safe pedestrian crossing.

- These guidelines include intersection and midblock locations with no traffic signals, stop signs or any warning/regulatory signing on the approach to the crossing. They do not apply to school crossings. A two-way center turn lane is not considered a median



Pedestrian Visibility Options

Rectangular Rapid Flashing Beacon (RRFB)

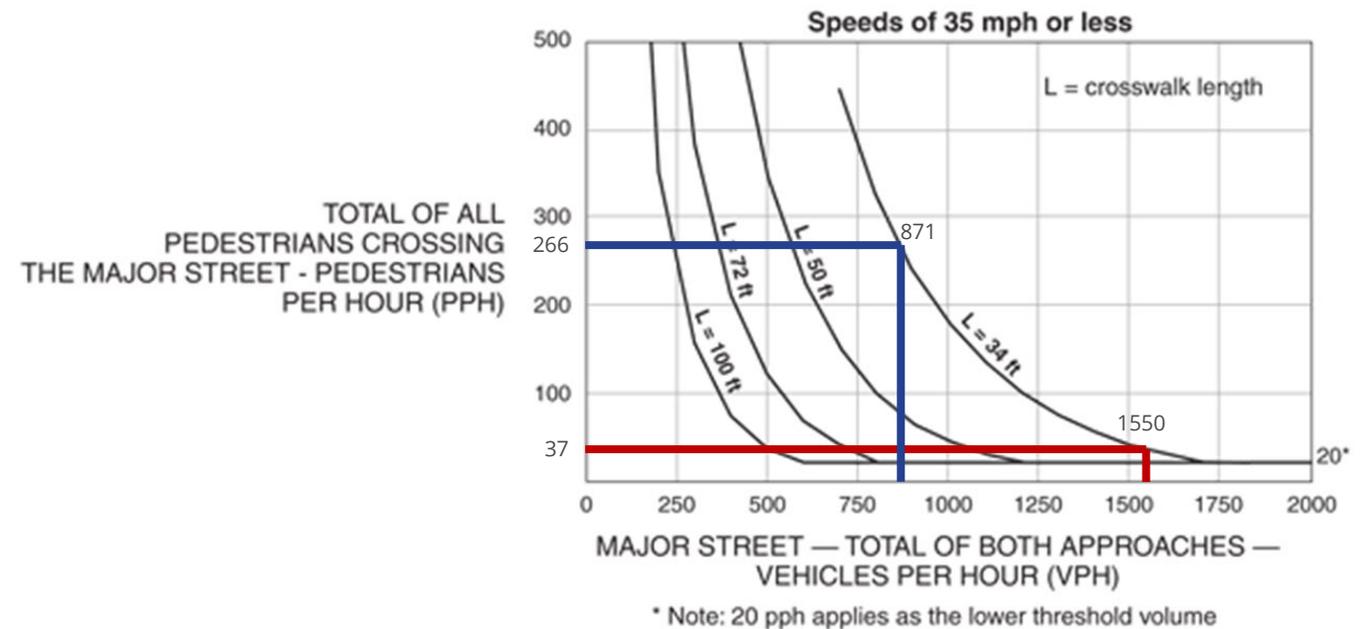
- Activated by pedestrian pushbutton
- Produces a yellow flashing pattern to alert drivers of pedestrians
- Flashing duration recommended to last 17 seconds for this crossing width
- Advance warning signs to be posted 200 ft ahead of crossing
- Design previously approved by NYSDOT for installation



High Intensity Activated Crosswalk (HAWK) Beacon



Figure 4F-1. Guidelines for the Installation of Pedestrian Hybrid Beacons on Low-Speed Roadways



- Route 22 peak vehicle volume: 871 (2023)
- Peak pedestrian volume: 37 (combined total)
- Traffic volumes are too low to warrant a beacon. Peak hour volume of 1550 vehicles or 266 pedestrians would be required to meet guidelines