APPENDIX C: MOUNT VERNON ROAD AND WOMACK ROAD AT VERMACK ROAD PROOFS OF CONCEPT



INTRODUCTION

As part of the 2017 CTP Update for the City of Dunwoody, the Public Works department tasked Pond with investigating two projects identified in the 2011 CTP. The intent was to provide a proof of concept/peer review of these two projects. Those projects are:

- Turn Lanes/Center Turn Lane Concept on Mount Vernon Road between Ashmont Circle/Wickford Way and Saffron Drive (Project 22a & 22b)
- Intersection Improvement at Womack Road and Vermack Road (Project 8)

This technical memorandum presents the data collected for each project's evaluation, a discussion of the analysis or techniques used, and results, recommendations and comments on project concepts for each of these two projects.

MOUNT VERNON ROAD PROOF OF CONCEPT

The specific scope of this proof of concept was to investigate the unsignalized intersections along the corridor with respect to turning movement counts and crash history and to identify any correctable trends that could be mitigated by adding left turn lanes. Georgia Department of Transportation (GDOT) left turn volume thresholds for turn bays were also referenced, as found in the most recent publication of the Regulations for Driveway and Encroachment Control.

Turning movement counts and bi-directional daily traffic information was collected at the following locations:

Peak Hour Turning Movement Count Locations

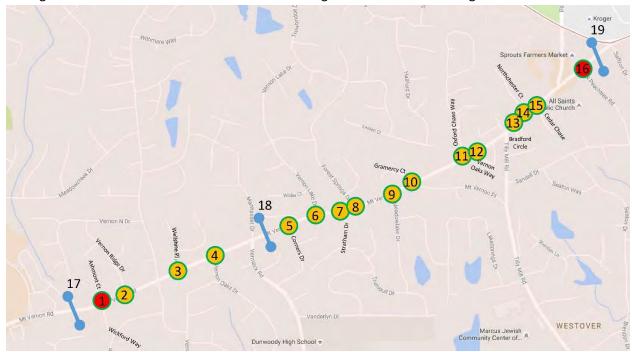
- 1. Ashmont Court/Wickford Way
- 2. Vernon Ridge Drive
- 3. Wellshire Place
- 4. Vernon Oaks Drive
- 5. Corners Drive
- 6. Vernon Lake Drive
- 7. Stratham Drive
- 8. Forest Springs Drive
- 9. Meadowlake Drive
- 10. Mt. Vernon Place/Gramercy Court
- 11. Oxford Chase Way
- 12. Vernon Oaks Way
- 13. Bradford Circle
- 14. Northchester Court
- 15. Cedar Chase
- 16. North Peachtree Road/Sprouts Market Driveway

Bi-Directional Daily Traffic Count Locations

- 17. Mt. Vernon Road west of Ashmont Court
- 18. Mt. Vernon Road east of Vermack Road
- 19. Mt. Vernon Road east of N. Peachtree Road

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The figure below illustrates the location of the turning movement counts along the corridor.

Daily Traffic Counts

The daily traffic counts are summarized in **Table 1** below. Traffic on Mt. Vernon Road does reach the average two-lane road capacity of around 20,000 vehicles per day (VPD) towards the western end of the studied segment. This can also help define, in general terms, what volume of traffic on Mt. Vernon Road is through traffic versus what volume of traffic has a trip end in a neighborhood or shopping center along Mt. Vernon Road.

Table 1: 2016	Ri-Directional	Volume Info	ormation on N	It. Vernon Road
Table 1. ZUID	DI-DILECTIONAL	volume mm	OFFICALION OFFIX	II. VEIHOH KOAU

Count	ΙA	M Peak (7:	00)	PN	1 Peak (5:	00)	Daily				
Location	EB	WB	Total	EB	WB	Total	EB	WB	Total		
#17	434	1,172	1,606	1,017	643	1,660	10,687	11,040	21,727		
#18	366	914	1,280	1,108	539	1,647	10,260	9,247	19,507		
#19	156	697	853	831	314	1,145	6,807	6,166	12,973		

The information found in **Table 1** suggests that there's likely around 13,000 vehicles per day that are traveling through the corridor and another 8,000-9,000 vehicles that use Mt. Vernon to reach either a neighborhood, shopping centers on the east end of the segment, or one of the side street collector roads (Vermack Road, Tilly Mill Road, and Jett Ferry Road).



Peak Hour Turning Movement Counts

The AM and PM peak hour turning movement counts, respectively, are displayed graphically in **Table 2** and **Table 3** below. The eastbound and westbound movements are for Mount Vernon Road.

Table 2: 2016 AM Peak Hour Turning Movement Counts

1		SB RT	SB TH	SB LT			6		SB RT	SB TH	SB LT			11		SB RT	SB TH	SB LT		
		5	1	2					69	0	37					61	0	35		
EBLT	0				3	WB RT	EB LT	15				4	WB RT	EBLT	18	-			11	WBR
EB TH	417	1000	hmont (1112	WBTH	EB TH	345	Vern	on Lake	Drive	837	WB TH		198	0)	ford Ch	ase	768	WBT
EB RT	6	Wi	ckford V	Vay	5		EB RT	0				0	WB LT	EB RT	0				0	WB LT
		20	2	13			-		0	0	0					0	0	0		
		NB LT	NB TH	NB RT					NB LT	NB TH	NB RT					NB LT	NB TH	NB RT		
2		SB RT	SB TH	SB LT			7		SB RT	SB TH	SB LT			12		SB RT	SB TH	SB LT		
		108	0	1					0	0	0					0	0	0		
EB LT	7			-	1	WB RT	EB LT	0				0	WB RT	EB LT	0				0	WB RT
EB TH	4290	Verno	on Ridge	Drive	1013	WB TH	EB TH	295	Str	atham D	rive	814	WB TH	EB TH	230	Vern	on Oak	s Way	772	WBTH
EB RT	0				0	WB LT	EB RT	93				78	WB LT	EB RT	4				2	WB LT
		1	0	0					34	0	46	-				10	0	0		-
		NB LT	NB TH	NB RT					NB LT	NB TH	NB RT					NB LT	NB TH	NB RT		
3		SB RT	SB TH	SB LT			8		SB RT	SB TH	SB LT			13		SB RT	SB TH	SB LT		
		14	0	13					105	0	22					0	0	0		
EB LT	2				5	WB RT	EB LT	36				13	WB RT	EB LT	0				0	WB RT
EB TH	457	We	llshire P	lace	943	WB TH	EB TH	303	Fores	t Spring	s Drive	789	WB TH	EB TH	353	Bradford Circle		ircle	963	WB TH
EB RT	1				0	WB LT	EB RT	0				0	WB LT	EB RT	0				0	WB LT
		0	0	0					1	0	0					3	0	0		
		NB LT	NB TH	NB RT					NB LT	NB TH	NB RT					NB LT	NB TH	NB RT		
4		SB RT	SB TH	SB LT			9		SB RT	SB TH	SB LT			14		SB RT	SB TH	SB LT		
		0	0	0					0	0	0					10	0	2		
EB LT	0				0	WB RT	9-15-17-1	0				0		EB LT	2				1	WB RT
EB TH	465	Vern	on Oaks	Drive	932	WB TH		312	Mea	dowlake	Drive	796		EB TH	351	North	ncheste	Court	953	WB TH
EB RT	5				21	WB LT	EB RT	11		,		97	WB LT	EB RT	0		,	,	0	WB LT
		9	0	49					15	0	77					0	0	0		
		NB LT		NB RT					NB LT	NB TH	F 154 15					NB LT	NB TH			
5		SB RT	SB TH	SB LT			10		SB RT	SB TH				15		SB RT	SB TH	-		
		0	0	0					1	1	0		-			0	0	0		
EB LT	0				0	WB RT		0	Mt.	Vernon I	Place/	1	WB RT		0				0	WB RT
EB TH	358	Co	rners Di	rive	899	WB TH		206	10000000	mercy E		813	WB TH	EB TH	351	C	edar Ch	ase	947	WB TH
EB RT	4				0	WB LT	EB RT	180				3	WB LT	EB RT	2	-			0	WB LT
		0	0	0					88	1	11					5	0	5		
		NB LT	NB TH	NB RT	51				NB LT	NB TH	NB RT			0000		NB LT	NB TH			
														16		SB RT	SB TH			
																7	6	0		Torre c
														EB LT	8	N. Pe	achtree	Road/	3	WB RT
														EB TH	110	Spro	uts Driv	reway	662	WB TH
														EB RT	35		1	130.44	86	WB LT
																24	2	39		
														5		NB LT	NB TH	NB RT		

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Table 3: 2016 PM Peak Hour Turning Movement Counts

1		SB RT	SB TH	SB LT			6		SB RT	SB TH	SB LT	-		11		SB RT	SBTH	SB LT		
		2	0	0					61	0	9					27	0	10		
EB LT	3	1			1	WB RT	FRIT	67	0.1	-		10	WB RT	FRIT	32			10	31	WB RT
EB TH	942		hmont		579	WB TH		1048	Vorn	on Lake	Drive	466	WBTH		831	0	ford Ch	250	411	WBTH
EB RT	34	Wi	ckford \	Nay	7	WBLT		0	Vell	OII LUNC	Dilve	0	WBLT	7,000	0	- 0,	dord Cit	asc	0	WBLT
LD IVI	34	57	0	12	,	IMPE	LDIN		0	0	0		INDE	LDIVI		0	0	0		WO LI
		NB LT	NB TH	NB RT					NB LT	NB TH	NB RT					NB LT		NBRT		
2		SB RT	SB TH	2777			7		SB RT	SB TH	SBLT			12		SB RT	SB TH	SBLT		- 1
-		18	0	2			- 1		0	0	0	4		44	0.4	0	0	0		
EB LT	27	10			3	WB RT	EB LT	0	- V			0	WB RT	EB LT	0	-			0	WB RT
EB TH	918	Vern	on Ridge	Drive	574	WB TH	A CARLO	1038	Str	atham D	rive	476	A COLUMN	EB TH	835	Vern	on Oaks	Way	436	WBTH
EB RT	0	***************************************	ou mag	Dilec	1	WBLT	EB RT	15	500	atmorn b		20	WBLT	EB RT	8	4.6.710	on out	, ,,,,	3	WBLT
CD IV		0	0	1		Two Ci	LDIVI	13	5	0	21	- 20	1000	EDINI	U	5	0	3	3	WELL
		NB LT		NB RT					NB LT	NB TH						NB LT	NB TH			
3		SB RT	SBTH				8		SB RT	SB TH	SBLT			13		SB RT	SB TH	SB LT		_
3		8	0	5					28	0	21			13		0	0	0		
EB LT	4	0		1 3	8	WB RT	FRIT	41	20		2.1	38	WB RT	FRIT	0	-	0		0	WB RT
EB TH	947	We	Ilshire F	lace	532	WB TH	F -70	1019	Fores	t Spring	Drive	466		EB TH	1210	Bra	dford C	ircle	541	WBTH
EB RT	2	-	insime t	lucc	1	WBLT		0	10103	c opinib		0	WBLT	EB RT	1	0.0	a, o, a c	c.c	2	WB LT
CD IVI	-	0	0	0	-	INDE	ED III		0	0	0	U	1,40 21	ED IX	-	1	0	1	-	WELL
		NB LT	NB TH	NB RT					NB LT	NB TH	NB RT					NB LT	NB TH	NB RT		
4		SB RT	SB TH	A			9		SB RT	SB TH	SB LT		_	14		SB RT	SB TH	SB LT		
		0	0	0					0	0	0			14		2	0	3		
EB LT	0	-	U	_ 0	0	WB RT	ERIT	0	U	0	0	0	WB RT	EB LT	9	_		3	1	WB RT
EB TH	942	Vern	on Oaks	Drive	531	WB TH		1028	Meau	dowlake	Drive	492		EBTH	1201	Contract of the Contract of th	chester	Court	541	WB TH
EB RT	6	VCIII	OII Oaks	Dilve	0	WBLT	EB RT	13	Wica	JO WILING	Dilve	25	WBLT	EB RT	0	CONTRACTOR	ichester	Court	0	WBLT
LDINI	U	1	0	125	- 0	INDEL	LUKI	1.5	10	0	44	2.5	IVVOL	LDIVI		0	0	0		WBLI
		NB LT	NB TH	NB RT					NB LT							NB LT		NB RT		
5		SB RT	SB TH				10		SB RT	SB TH	SB LT			15		SB RT	SB TH	SB LT		
- 3		0	0	0			10	_	2	1	0			1.3		0	0	0		
EB LT	0				0	WB RT	FRIT	0	10000			5	WB RT	EB LT	0				0	WB RT
EBTH	1108	Co	rners D	rive	533	WB TH	2.117.0	849	1000000	/ernon l		420		EB TH	1202	C	edar Cha	ise	544	WBTH
EB RT	6	1	THEIDE		0	WBLT	EB RT	215	Gra	mercy [Drive	6	WBLT	EB RT	3		cau, cit		1	WB LT
LUKI		0	0	0		TVD LI	LD IXI	2.10	95	0	10	-	INDE	LD IXI		1	0	4		WELL
		NB LT							NB LT		NB RT					NB LT	NB TH			
		IND LI	IND: III	[NO.11]					IND CT	IND TO	NO KI		_	16		SB RT	SB TH	SBLT		
														10		35	20	8		
														EB LT	46	1			1	WB RT
														EB TH	733	LUCKS, GROWING	achtree	0.000.000	252	WBTH
														EB RT	69	Spro	uts Driv	eway	68	WB LT
														EDINI	03	23	10	114	00	MOLI
																NB LT	NB TH			
														-		LAD CI	NO IN	IND IN		

Turn Lane Evaluation Criteria

Two primary criteria were used to evaluate the potential need for left turn lanes along the corridor. One of those criteria was daily left turn volumes, per the GDOT Regulations for Driveway and Encroachment Control and the other criteria was crash frequency/crash trends.

GDOT recommends use of a left turn bay at intersections and driveways where the daily left turn volume meets or exceeds 200 vehicles. Daily turning movement volumes were not taken as part of this proof of concept, however, projected daily volumes can be estimated based on an assumption that the peak hour traffic contributes to approximately 9% of the total daily traffic. Estimates based on the peak hour turning movements from the major street onto each side street can be made to determine the anticipated daily volume of traffic turning left at any given intersection. The collected data and projected turning movements, based on this assumptions, are shown in **Table 4**



Table 4: GDOT LTV Thresholds for Left Turn Bays, and Estimated Daily Left Turn Volumes at Side Streets

Side Street	Max AM Peak Hr. LTV	Max PM Peak Hr. LTV	Calc. Daily LTV	Meets GDOT 200 LTV?
Wickford Way/Ashmont Court	5	7	67	N
Vernon Ridge Drive	7	27	189	N
Wellshire Place	2	4	33	N
Vernon Oaks Drive	21	0	117	N
Corners Drive	0	0	0	N
Vernon Lake Drive	15	67	456	Υ
Stratham Drive	78	20	544	Υ
Forest Springs Drive	36	41	428	Υ
Meadowlake Drive	97	25	678	Υ
Gramercy Court/Mt. Vernon Place	3	6	50	N
Oxford Chase Way	18	32	278	Υ
Vernon Oaks Way	2	3	28	N
Bradford Circle	0	2	11	N
Northchester Court	2	9	61	N
Cedar Chase	0	1	6	N
N. Peachtree Road/Sprouts Driveway	86	68	856	Υ

The second criterion that is used is crash frequency/crash trends from the Georgia Electronic Accident Reporting System (GEARS) database. This information was pulled from crash records over a 3-year period of time that was available between the years of 2012-2014, plus the month of January, 2015. An estimated crash rate on the 1.8 mile segment, assuming an ADT of 20,000 vpd over a 3.08 year span of time, results in a crash rate of 390 crashes per 100 million vehicle miles traveled (100 MVMT). This rate is less than the statewide average, for 2014, of 608 crashes per 100 MVMT. Note that in the main body of the 2017 Dunwoody Comprehensive Transportation Plan Update, (see **Table 1**), that the crash rate reported for Mt. Vernon Road exceeds the statewide average. This is due to the inclusion of several high-volume intersections to the west that contribute to an overall elevated crash risk for the Mt. Vernon Road segment within the City of Dunwoody.



Each intersection was also individually examined for crash frequency and crash trends. The number of crashes occurring at each intersection, the number of injuries that occurred in the reported 3-year time period, and the injury rate are displayed in **Table 5**. Also noted in this table are observations pertaining to the type of crashes that have occurred, and whether these crashes could be correctable by adding dedicated turn bays. The Mt. Vernon Road corridor is partitioned into segments by the existing traffic signals on the corridor and the road's characteristics. Private driveway frequency is higher on the western end, and east of the intersection with Mt. Vernon Place the private drive frequency is zero.

Table 5: 2012-Jan 2015 Crash Frequency, Injury Rate, and Observations at Side Streets

Side Street	No. of Crashes	No. of Injuries	Crashes/ Injury	Crash Notes and Observations
	Crasnes	injuries	injury	Mt. Vernon rear end risk (5 total) and side street angle crash risk (3
Wickford Way/Ashmont Court	11	2	5.50	total) could likely be reduced w/ a center turn lane/turn bay
	- 11		3.30	A center left turn lane/turn bay would likely reduce eastbound rear end
Vernon Ridge Drive	6	1	6.00	crashes (5 total)
				signalized - crash information is only used to determine the average
Mt. Vernon Way	8	3	2.67	crash rate per intersection on the corridor
Wellshire Place				A center left turn lane/turn bay would likely reduce eastbound rear end
Wellstille Flace	7	3	2.33	crashes (5 total)
Vernon Oaks Drive				A center left turn lane/turn bay would likely reduce westbound rear
Vernon Guks Brive	8	4	2.00	end crashes (3 total)
Vermack Road/Manhassett Drive				signalized - crash information is only used to determine the average
·	27	5	5.40	crash rate per intersection on the corridor
Corners Drive	1	0	-	Corners Dr. is one way (southbound) and only right turns in are allowed
Vernon Lake Drive			4.50	Mt. Vernon rear end risk (3 total) and angle crash risk (2 total) could
	9	6	1.50	likely be reduced w/ an EB left turn/center lane
Church and Duite				High traffic due to school - consider eastbound RT decel lane and westbound left turn lane – this would require moving the mid-block
Stratham Drive	2	0		crosswalk to west side of Stratham Drive and adding a refuge island
		U	-	resurface 3-lane section to include center left turn lane - remove right
Forest Springs Drive	6	1	6.00	turn only lane
		1	0.00	High traffic due to school - dedicated WB left turn lane here instead of
Meadowlake Drive	2	2	1.00	generic center turn lane
Gramercy Court/Mt. Vernon			2.00	A right turn decel lane may provide the most benefit to crash reduction,
Place	7	1	7.00	given the volume of eastbound right turns that take place here
0 (10)				A center left turn lane/turn bay would likely reduce eastbound rear end
Oxford Chase Way	4	1	4.00	crashes (3 total)
Vernon Oaks Way (both drives)	1	0	-	No immediate crash risk
Tilly Mill (Mallacley Lane				signalized - crash information is only used to determine the average
Tilly Mill/Wellesley Lane	19	9	2.11	crash rate per intersection on the corridor
Bradford Circle	1	0	-	No immediate crash risk
Northchester Court	2	0	-	No immediate crash risk
Cedar Chase				No immediate crash risk. The pavement width is marginally sufficient to
Cedai Cilase	1	0	-	serve as a turn lane here.
Jett Ferry Road				signalized - crash information is only used to determine the average
	17	4	4.25	crash rate per intersection on the corridor
N. Peachtree Road/Sprouts				Left turn lanes can help reduce eastbound rear-end crashes here (3
Driveway	4-	_	2.11	total) and the second driveway into the Sprouts shopping center should
	15	7	2.14	be converted to right-in/right-out
Total	154	49		
	154	49		
Average	7.3		3.7	



Highlighted intersections indicate isolated locations where crash frequency is higher than the average for the 1.8 mile segment, or where the number of crashes relative to the number of injuries reported is less than the segment average. This value essentially represents how frequently an injury is recorded. For instance, at Vernon Lake Drive, over the 3-year period of reported crashes, there has been one injury for every 1.50 crashes. The corridor saw one injury reported for every 3-4 crashes during the same time period.

As seen in these two previous tables, most of the need for left turn lanes occurs on the western part of the study segment. Between the intersection with Wickford Way/Ashmont Court and Corners Drive, the turning volumes are not typically high enough to justify a turn bay by GDOT criteria, although the crash frequency at these intersections is elevated above the corridor average at 2 of the 5 unsignalized intersections.

- Ashmont Court/Wickford Way
- Vernon Oaks Drive

In this same segment, crash severity is higher than average at 2 of the 5 unsignalized intersections.

- Wellshire Place
- Vernon Oaks Drive

At Vernon Lake Drive, the turning volumes increase to levels that would be justified as having turn bays per the GDOT criteria. The neighborhoods are large, and there are several schools that attract trips throughout the day. Between Vernon Lake Drive and Mount Vernon Place/Gramercy Drive, 4 out of 5 side streets would benefit by having a dedicated left turn lane.

- Vernon Lake Drive
- Stratham Drive
- Forest Springs Drive
- Meadowlake Drive

In the segment of road from Vernon Lake Drive to Mount Vernon Place/Gramercy Drive, it should be noted that 1 of the 5 unsignalized intersections exhibited an elevated crash frequency, higher than the corridor average.

• Vernon Lake Drive

Additionally, crash severity was observed to show above-average trends at 2 of the 5 unsignalized intersections.

- Vernon Lake Drive
- Meadowlake Drive

A project to improve the signalized intersection at Tilly Mill Road is currently underway, and will incorporate turn lanes as appropriate between Mt Vernon Place and Cedar Chase. Beyond the traffic signal at Tilly Mill Road, crash frequency drops to below-average levels, and turns from Mount Vernon Road also drop, until reaching the intersection at N. Peachtree Road. This intersection would benefit with left turn lanes in both directions. Additionally, the secondary driveway into the Sprouts parking lot, between N. Peachtree Road and Dunwoody Club Drive, should be converted into a right-in/right-out

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driveway. These improvements may be able to be accommodated through restriping and maybe incorporated into the overall Tilly Mill intersection improvement project.

It should be noted that while the unsignalized side-street intersections were evaluated in this proof of concept, there are numerous single-family driveways along Mount Vernon Road for much of this 1.8 mile segment. Each driveway represents a possible conflict point for through vehicles if someone is turning left into their property. A continuous center two-way left turn lane can provide a refuge space for all residents living on Mt. Vernon Road that access their driveway directly from the minor arterial.

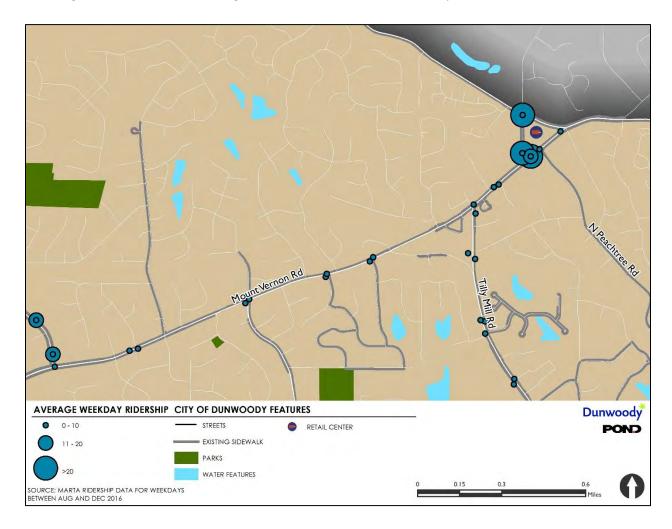


Pedestrian Treatments

Sidewalk coverage is relatively thorough along this segment of Mount Vernon Road, with over 3.3 miles of existing sidewalk in place covering both sides of Mount Vernon Road. Except for one gap on the south side between Vermack Drive and Vernon Oaks Way, sidewalks are present on both sides of Mount Vernon Road. There are also mid-block crosswalks in place a several locations along the corridor:

- Mid-block crossing east of Stratham Drive
- Mid-block crossing east of Jett Ferry Road

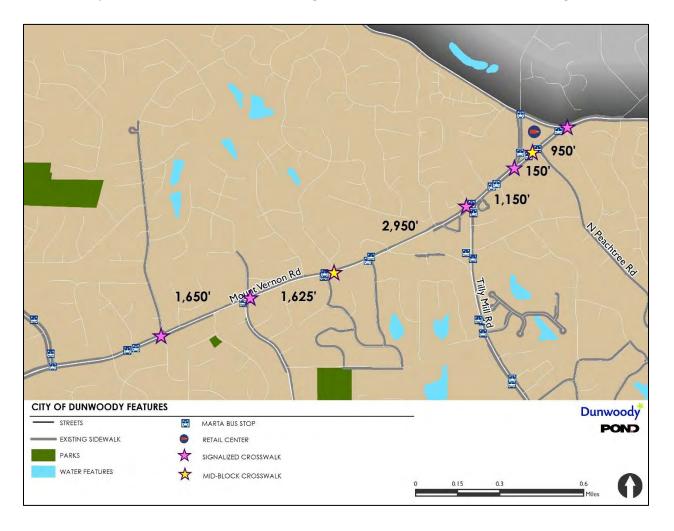
Also running along Mt. Vernon Road are several MARTA bus routes, 132 and 150. These stops are located on both sides of the road and ridership numbers vary from stop to stop. Weekday ridership averages are represented in the image below. Ridership is relatively low, with higher concentrations of boardings and disembarks occurring around the retail node at Jett Ferry Road.



Most of the observed pedestrian sidewalk usage and crossing demand comes from recreational users. This demand is fairly steady throughout the day. To support pedestrian activity, the distance between crossings should be optimized to limit the amount a pedestrian has to walk to reach an enhanced crossing (either through mid-block crossing improvements or at existing traffic signals). As a general rule



of thumb, a crosswalk every 1,000'-1,600' would provide desirable coverage, because this distance equates to an average walking time of 5-8 minutes. In other words, a person is more likely to walk to an enhanced crosswalk instead of crossing at an unmarked location if the distance to the crosswalk is minimal. The graphic below illustrates the existing signalized crosswalks and the mid-block crosswalks that currently exist on Mount Vernon Road, along with the distances between each crossing.



Crosswalk spacing is more desirable on the eastern segment of the corridor, which supports the higher MARTA ridership figures too. A crosswalk could be beneficial near Meadowlake Drive where two MARTA stops are located, and between Mount Vernon Place and Tilly Mill Road. Other locations for a mid-block crosswalk may be justified based on these standards between Vermack Road and Stratham Drive and between Vermack Road and Mount Vernon Way.

A continuous three-lane typical section can provide enhanced pedestrian safety by accommodating splitter islands that can double as pedestrian refuges. These islands can vary in size and can be landscaped to enhance visual appeal. They can also serve a traffic calming purpose by breaking up lengthy center turn lanes and by creating vertical obstacles at intervals that drivers must pay attention to, which has a tendency to improve driver awareness and could help with distracted driving habits.



These pedestrian refuge islands allow for an improved pedestrian environment. The use of Rectangular Rapid Flashing Beacons (RRFBs) should also be considered to further increase pedestrian safety and driver awareness.

Other Considerations

During the design process, consideration should be provided for the existing features such as available right of way, grading, trees, available pavement width, utilities, drainage, sight distance and context sensitivity (impacts on front yards vs along a back fence).

At a conceptual level, available right of way can provide a general idea of the extent of road widening that can be undertaken using city-owned property without encroaching onto privately owned property. An account of estimated right of way, along with other roadway characteristics and notes about the individual segments of Mt. Vernon Road are summarized in **Table 6**.

Table 6: Mt. Vernon Road Corridor Segments, Characteristics, and Other Notes

Segment	(Characteristic	S	Other Notes					
Segment	ADT	Driveways	R/W	Other Notes					
Ashmont Ct./ Wickford Way to Corners Drive	21,700	25	80'-90'	Right of way width drops east of the signal with Vermack Road; crash frequency and severity is higher in this segment, and driveway count is highest, which suggests that extending the existing center two-way left turn lane is appropriate					
Corners Drive to Mt. Vernon Place	19,500	12	40'-80'	Right of way width may constrain widening in some locations; driveway frequency is less than the western segment; turning volumes are high enough to justify some form of dedicated turning space; given the lower driveway frequency, consider dedicated turn bays instead of a center two-way left turn lane to minimize right-ofway impacts and property encroachment					
Mt. Vernon Place to Dunwoody Club Drive	19,000 - 13,000	0	80'-90'	Private driveway frequency is not a factor; crash risk is lower and turning volumes are lower; turn lanes are recommended at signalized intersections, Oxford Chase, and N. Peachtree Road but a continuous left turn lane may have minimal benefits					