

PINELLAS COUNTY PLANNING DEPARTMENT TRAFFIC ANALYSIS FOR A PROPOSED LAND USE CHANGE							
LU#: Z/LU-08-05-17		Received: 04/10/2016			Jurisdiction: Pinellas County		
Revised:					Signoff:		
SITE DATA							
Parcel Size: 1.75		Proposed for Amendment: 1.75					
Current Land Use Designation: Residential Suburban							
Potential Use	sf/acre(s)	(upa)	Units		x(tgr)	cap.	Proj. trips
(1) Single Family	1.75	2.50	4		9.6	1.00	38
Total							38
Proposed Land Use Designation: Institutional							
Potential Use	sf/acre(s)	x(far)/(upa)	Beds**	sf/1,000	x(tgr)	cap.	Proj. trips
(1) ALF	1.75	N/A	65	N/A	2.80	0.74	135
**Potential number of Beds							Total
Potential Additional Daily Trips:							97
ROADWAY IMPACT DATA - Trip Distribution							
Road(s)		% Distribution			Traffic Vol. (AADT)		
		2016	2040		2016	2040	
(1)	102nd Ave North	49	49	existing	15,009	14,403	
	Vonn Rd to 137th St. N	0.50	0.50	proposed	15,058	14,452	
(2)	Vonn Rd	97	97	existing	9,868	11,203	
	Park Blvd to Walshingham Rd	100	100	proposed	9,965	11,300	
Road(s)		LOS	V/CR	extg.	w/ chg.	extg.	w/ chg.
(1)	102nd Ave North	C	0.55	C	C	C	C
	Vonn Rd to 137th St. N						
(2)	Vonn Rd	C	0.92	C	C	F	F
	Park Blvd to Walshingham Rd						
(1)	102nd Ave North	Vonn Rd to 137th St. N		2U	N/A	N/A	N/A
(2)	Vonn Rd	Park Blvd to Walshingham Rd		2U	N/A	N/A	N/A
ABBREVIATIONS/NOTES							
AADT = Average Annual Daily Trips				Ln. = Lanes			
AC = Acres				LOS = Level of Service			
CAP = Capture Rate (i.e., % new trips)				LTCM = Long Term Concurrency Management Corridor			
CCC = Congestion Containment Corridor				MPO = Metropolitan Planning Organization			
CFG = Configuration				N/A = Not applicable			
CMS = Concurrency Management System				PC = Partially controlled access			
CON = Constrained County Corridor				PH = Peak Hour			
Const. = Construction				SF = Square Feet			
D/U = Divided/undivided				TGR = Trip Generation Rate			
E = Enhanced				UPA = Units Per Acre			
FAR = Floor Area Ratio				UTS = Units (dwelling)			
FDOT = Florida Department of Transportation				V/CR = Volume-to-Capacity Ratio			
DEF= Deficient State Road				MIS= Mitigating Improvement Scheduled			
2035 traffic volumes from MPO, adjusted FDOT Regional Transportation Analysis model output							
Average daily level of service based on Generalized Daily LOS Volume Tables from FDOT 2010 LOS Manual							