

PINELLAS COUNTY PLANNING DEPARTMENT							
TRAFFIC ANALYSIS FOR A PROPOSED LAND USE CHANGE							
LU#: Z/LU-07-05-18				Jurisdiction: Pinellas County			
Revised:		Received: 04/17/2018		Signoff: MDS			
SITE DATA							
Parcel Size: 0.10							
Proposed for Amendment: 0.10							
Current Land Use Designation: Residential Urban							
Potential Use	acre(s)	(upa)	Units		x(tgr)	cap.	Proj. trips
(1) Single Family	0.1	7.50	1		9.6	1.00	10
Total							10
Proposed Land Use Designation: Commercial General							
Potential Use	acre(s)	FAR	Units	sf/1,000	x(tgr)	cap.	Proj. trips
(1) General Commercial	0.10	0.35	N/A	1.520	42.94	1.00	65
Total							65
Potential Additional Daily Trips: 55							
ROADWAY IMPACT DATA - Trip Distribution							
Road(s)	% Distribution		Traffic Vol. (AADT)				
	2016	2040	2016	2040			
(1) 54th Ave N	55	55	existing	16,500	25,758		
US 19 to 49th St N	100.00	100.00	proposed	16,555	25,813		
Road(s)	LOS	V/CR	extg.	w/ chg.	extg.	w/ chg.	
(1) 54th Ave N	B	0.514	B	B	C	C	
US 19 to 49th St N							
Road(s)	Extg	Planned	Const.	Future			
	Ln Cfg	Improv.	Year	Ln Cfg			
(1) 54th Ave N	US 19 to 49th St N	4U	None	None	4U		
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			
CON = Constrained County Corridor				PC = Partially controlled access			
Const. = Construction				PH = Peak Hour			
D/U = Divided/undivided				SF = Square Feet			
E = Enhanced				TGR = Trip Generation Rate			
FAR = Floor Area Ratio				UPA = Units Per Acre			
FDOT = Florida Department of Transportation				UTS = Units (dwelling)			
DEF= Deficient Road				V/CR = Volume-to-Capacity Ratio			
MMS = Mobility Management System				MIS= Mitigating Improvement Scheduled			
2044 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 2016 LOS Manual							