

PINELLAS COUNTY PLANNING DEPARTMENT							
TRAFFIC ANALYSIS FOR A PROPOSED LAND USE CHANGE							
LU#: Z/LU-7-3-16				Jurisdiction: Pinellas County			
Revised:		Received: 3/17/2015		Signoff:			
SITE DATA							
Parcel Size: 0.60							
Proposed for Amendment: 0.60							
Current Land Use Designation: Residential Low							
Potential Use	sf/acre(s)	(upa)	Units	sf/1,000	x(tgr)	cap.	Proj. trips
(1) Residential	0.60	5.00	3	N/A	9.6	100	29
Total							29
Proposed Land Use Designation: Commercial General							
Proposed Use	sf/acre(s)	(far)	Sq. ft.	sf/1,000	x(tgr)	cap.	Proj. trips
(1) Retail	0.60	0.35	9,148	9.2	94.7	0.49	426
Total							426
Potential Additional Daily Trips:				397			
ROADWAY IMPACT DATA - Trip Distribution							
Road(s)	% Distribution				Traffic Vol. (AADT)		
	2014	2035			2014	2035	
(1) 54th Ave. North	397	397		existing	20,766	33,934	
Haines Rd to I-275 Ramp	100	100		proposed	21,163	34,334	
(2) I-275	87	87		existing	155,500	169,500	
54th Ave. North to 38th Ave. North	0.22	0.22		proposed	155,587	169,587	
(3) I-275	63	63		existing	140,500	170,000	
54th Ave. North to Gandy Blvd.	0.16	0.16		proposed	140,563	170,063	
Road(s)	LOS	V/CR	extg.	w/ chg.	extg.	w/ chg.	
(1) 54th Ave. North	D	0.469	D	D	D	D	
Haines Rd to I-275 Ramp							
(2) I-275	E	0.947	E	E	F	F	
54th Ave. North to 38th Ave. North							
(2) I-275	F	1.209	F	F	F	F	
54th Ave. North to Gandy Blvd.							
			Ln Cfg	Improv.	Year	Ln Cfg	Desig.
(1) 54th Ave. North	Haines Rd to I-275 Ramp		6D	N/A	N/A	6D	N/A
(2) I-275	54th Ave. North to 38th Ave. North		8F	N/A	N/A	8F	CCC
(2) I-275	54th Ave. North to Gandy Blvd.		6F	N/A	N/A	6F	CCC
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							