

Trip Generation Analysis
Cumberland Farms
Virginia Avenue & 35th Street, Fort Pierce, FL

DAILY:

Land Use	Intensity	In	Out	Total Trips ⁽¹⁾			Pass-By		Internalization		New Trips			
				In	Out	Total	Rate	Trips	Rate	Trips	In	Out	Total	
Existing Uses:														
Vacant	0 s.f.	50%	50%	0	0	0	66%	0	0%	0	0	0	0	0
SUBTOTAL:				0	0	0		0		0	0	0	0	0
Proposed Uses:														
Convenience Store w/Fuel Pumps	4,952 s.f.	50%	50%	2,094	2,093	4,187	66%	2,763	0%	0	712	712	1,424	
NET DIFFERENCE				2,094	2,093	4,187		2,763		0	712	712	1,424	

AM PEAK HOUR:

Land Use	Intensity	In	Out	Total Trips ⁽¹⁾			Pass-By		Internalization		New Trips			
				In	Out	Total	Rate	Trips	Rate	Trips	In	Out	Total	
Existing Uses:														
Vacant	0 s.f.	50%	50%	0	0	0	66%	0	0%	0	0	0	0	0
SUBTOTAL:				0	0	0		0		0	0	0	0	0
Proposed Uses:														
Convenience Store w/Fuel Pumps	4,952 s.f.	50%	50%	102	101	203	66%	134	0%	0	35	34	69	
NET DIFFERENCE				102	101	203		134		0	35	34	69	

PM PEAK HOUR:

Land Use	Intensity	In	Out	Total Trips ⁽¹⁾			Pass-By		Internalization		New Trips			
				In	Out	Total	Rate	Trips	Rate	Trips	In	Out	Total	
Existing Uses:														
Vacant	0 s.f.	50%	50%	0	0	0	66%	0	0%	0	0	0	0	0
SUBTOTAL:				0	0	0		0		0	0	0	0	0
Proposed Uses:														
Convenience Store w/Fuel Pumps	4,952 s.f.	50%	50%	126	126	252	66%	166	0%	0	43	43	86	
NET DIFFERENCE				126	126	252		166		0	43	43	86	

Notes:

(1) Using ITE Trip Generation, 9th Edition

Convenience Store with Gasoline Pumps (ITE 853):

Daily: T = 845.6 (X) trips per thousand s.f. [50% In, 50% Out]

AM peak-hour: T = 40.92 (X) trips per thousand s.f. [50% In, 50% Out]

PM peak hour: T = 50.92 (X) trips per thousand s.f. [50% In, 50% Out]