

Rio – Alternatives Analysis

			County Center				THE Center for Rt 29					A Center		BAU
<u>Econ/LU</u>														
Office MaxCap (sqft)		700000	600000	500000		580000	500000	430000		300000	200000	100000		20000
Retail MaxCap (sqft)		500000	400000	300000		400000	300000	200000		200000	120000	80000		150000
New Retail ("		250000	187500	125000		200000	150000	100000		150000	112500	75000		150000
LtInd/HiTech/Off		310750	250000	185750		248600	200000	148600		186450	150000	111450		20000
FlexSpace ("		185048	144375	102548		148038	115500	82038		111029	86625	61529		0
Core Pop (dus)		1400	1050	700		700	525	350		400	300	200		0
Ring Pop (dus)		2000	1500	1000		1000	750	500		700	525	350		100
New Resid (dus)		3400	2550	1700		1700	1275	850		1100	825	550		100
Aff		210	158	105		105	79	53		60	45	30		0
Wkfce		510	383	255		255	192	128		165	124	83		0
Mid*		808	604	404		404	300	200		272	203	135		0
Mid		1020	765	510		510	383	255		330	248	165		0
MidHi		680	510	340		340	255	170		220	165	110		0
Hi		102	77	51		51	39	26		33	25	17		0
SFD Hi		70	53	35		35	27	18		20	15	10		100
EconCapture Rate		25%	25%	25%		20%	20%	20%		15%	15%	15%		5%
<u>Transport</u>														
Max .LOS Pk hr (Rio)		F	E	E		E	E	D		D	D	C		F
Max LOS Pk hr (29loc)		E	D	D		D	D	C		C	C	B		F
V/C		0.717907	0.675749	0.628258		0.8484274	0.8049022	0.7617179		0.996328	0.953496	0.910389		1.050551
LOS Pk hr		C	C	C		D	D	D		E	E	E		F
MM V/C		0.66	0.60	0.54		0.76	0.71	0.66		0.93	0.89	0.84		1.02
MM LOS Pk hr		C	C	B		D	C	C		E	D	D		F
TripGen		2779	2129	1470		1713	1321	921		1197	925	647		253
TripCapture Rate		25%	25%	25%		20%	20%	20%		15%	15%	15%		2%
Transit Split		20%	20%	20%		15%	15%	15%		10%	10%	10%		4%
MainSt Capcty/hr		5600	5600	5600		4800	4800	4800		4200	4200	4200		4000
RelMnStCpty/hr		140%	140%	140%		120%	120%	120%		105%	105%	105%		100%
29AHPT(Cars)Loc		2300	2300	2300		2300	2300	2300		2300	2300	2300		2300
AHPTdmnd(Cars)Rio		5079	4429	3770		4013	3621	3221		3497	3225	2947		2543
AnnualThrulncr		51	53	55		61	62	64		69	70	70		86
Transit		556	426	294		257	198	138		120	93	65		10
Bike		111	64	44		34	26	18		24	19	13		0
Ped		139	106	74		69	53	37		24	19	13		0
TotMMVolume		4826	4380	3930		4432	4141	3850		4352	4134	3914		4212
MMCapacity		1700	1700	1700		1040	1040	1040		460	460	460		140
CapctyPkg-Core Res		2100	1575	1050		1050	788	525		600	450	300		0
Retail		2500	1875	1250		2000	1500	1000		1500	1125	750		1500
Office		621.5	500	371.5		497	400	297		373	300	223		40
Tot (w/sh)		4785	3613	2435		3198	2418	1633		2211	1673	1131		1540
Extra Pkg Need		1785	613			198								1440
				Group 3			Group 2			Group 1				