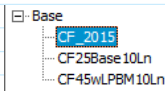


6/4/18 - CF_2015 ZDATA update

Friday, June 01, 2018 11:31 AM

CF_2015 Scenario

- JK copied the Colonial Parkway model X:\CPkwy2017\CFRPMV610_060717.TOD and created a copy under the C:\CFRPMV610_060118.TOD. The purpose was to preserve YS's original model runs. The unnecessary scenarios were deleted. Only the scenarios shown below were kept.



- ACV updated the ZDATA files (ZD1 & ZD2) for the CF_2015 scenario.
 - The updates to the study area/ sub-area were already part of ZDATA files
 - BEBR & BEA/ W&P control totals were used to match the population and employment values for Seminole, Orange, and Brevard.
 - As shown below, after the adjustments, the total population for Seminole, Orange, and Brevard match the BEBR & BEA. However, after the conversion of the Excel file .dbf the exact match is lost because of rounding issues. The rounding is insignificant.
 - ZDATA1
 - Only the SFDU, SFPOP, MFDU, and MFPOP columns were adjusted using proportions changes to the study area
 - ZDATA2
 - INDEMP, COMEMP, SEREMP (K12 Employment + Service), and TOTEMP were adjusted using proportions after excluding the changes to the study area
- The revised ZDATA files as well as the spreadsheets can be found under [M:\Projects\D5-Colonial Parkway 2017\900 CAD GIS Modeling\940 Modeling\Model data\Land Use\CF2015](#)

Population

ZD 1 ORIGINAL

OTAZ (All)

Row Labels	Sum of SFDU	Sum of SFPOP	Sum of MFDU	Sum of MFPOP	Count of TAZ	Count of OTAZ
1	115,737	314,395	75,680	130,316	274	16
2	320,482	849,043	202,269	405,009	826	61
3	104,798	258,853	41,267	91,315	300	
4	138,217	306,379	24,704	39,683	400	
5	197,731	425,914	70,437	100,667	1,100	1
6	193,517	428,280	86,481	144,048	800	9
7	159,207	319,837	21,540	40,145	500	
8	61,492	112,167	4,240	5,968	200	
9	47,641	106,289	8,277	14,511	200	
10	185,162	415,521	120,569	240,360	700	
11	18,902	42,087	7,565	10,458	50	
Grand Total	1,542,886	3,578,765	663,029	1,222,480	5,350	87

ID	County	Total Population	BEBR 2015	Model % of BEBR
1	Seminole	444,712	442,903	100.41%
2	Orange	1,254,052	1,252,396	100.13%
3	Osceola	350,168	308,327	113.57%
4	Lake	346,062	316,569	109.32%
5	Volusia	526,581	510,494	103.15%
6	Brevard	572,328	561,714	101.89%
7	Marion	359,982	341,205	105.50%
8	Sumter	118,135	115,657	102.14%
9	Flagler	120,800	101,353	119.19%
10	Polk	655,881	633,052	103.61%
11	Indian River*	52,545	143,326	36.66%
Total		4,801,246	4,726,996	101.57%

* Partial County

ZD 1 REVISED

GEOGRAPHY (All)

Row Labels	Sum of SFDU	Sum of SFPOP	Sum of MFDU	Sum of MFPOP	Count of TAZ	Count of OTAZ
1	115,275	313,163	75,344	129,740	274	16
2	320,059	847,942	201,987	404,454	826	61
3	104,798	258,853	41,267	91,315	300	
4	138,217	306,379	24,704	39,683	400	
5	197,731	425,914	70,437	100,667	1,100	1
6	189,922	420,325	84,892	141,389	800	9
7	159,207	319,837	21,540	40,145	500	
8	61,492	112,167	4,240	5,968	200	
9	47,641	106,289	8,277	14,511	200	
10	185,162	415,521	120,569	240,360	700	
11	18,902	42,087	7,565	10,458	50	
Grand Total	1,538,406	3,568,477	660,823	1,218,690	5350	87

ID	County	Total Population	BEBR 2015	Model % of BEBR
1	Seminole	442,903	442,903	100.00%
2	Orange	1,252,396	1,252,396	100.00%
3	Osceola	350,168	308,327	113.57%
4	Lake	346,062	316,569	109.32%
5	Volusia	526,581	510,494	103.15%
6	Brevard	561,714	561,714	100.00%
7	Marion	359,982	341,205	105.50%
8	Sumter	118,135	115,657	102.14%
9	Flagler	120,800	101,353	119.19%
10	Polk	655,881	633,052	103.61%
11	Indian River*	52,545	143,326	36.66%
Total		4,787,167	4,726,996	101.27%

* Partial County

COUNTY	SECTOR	SA	ZD1 ORIGINAL	ZD1 REVISED	BEBR BULLETIN 175 JUNE 16	% of BEBR ORIGINAL	% of BEA REVISED
SEMINOLE	1	58,647	444,712	442,903	442,903	100.41%	100.00%
ORANGE	2	169,603	1,254,052	1,252,396	1,252,396	100.13%	100.00%
BREVARD	6	5,536	572,328	561,714	561,714	101.89%	100.00%
TOTAL		233,786	2,271,092	2,257,013	2,257,013	100.62%	100.00%

Employment

ZD 2 ORIGINAL

Row Labels	Sum of INDEMP	Sum of COMEMP	Sum of SEREMP	Sum of TOTEMP	Sum of SCHENRI	Count of TAZ
1	31,010	58,373	156,591	245,974	98,325	274
2	92,859	216,977	557,726	867,562	340,490	826
3	12,226	36,426	70,836	119,488	102,149	300
4	21,546	31,758	86,171	139,475	52,180	400
5	22,830	52,631	138,251	213,712	127,123	1,100
6	43,197	62,013	140,328	245,539	84,838	800
7	24,039	36,842	78,172	139,053	48,325	500
8	9,453	10,085	18,956	38,494	9,086	200
9	3,845	8,337	16,703	28,885	15,145	200
10	49,607	80,678	155,461	285,655	113,427	700
11	4,710	7,287	10,158	22,155	5,790	50
Grand Total	315,322	601,407	1,429,353	2,345,992	996,878	5,350

ID	County	Total Employment	BEA 2015	Model % of BEA
1	Seminole	245,974	246,393	99.83%
2	Orange	867,562	988,811	87.74%
3	Osceola	119,488	126,407	94.53%
4	Lake	139,475	131,342	106.19%
5	Volusia	213,712	232,985	91.73%
6	Brevard	245,539	272,003	90.27%
7	Marion	139,053	141,617	98.19%
8	Sumter	38,494	40,268	95.59%
9	Flagler	28,885	36,115	79.98%
10	Polk	285,655	281,099	101.62%
11	Indian River*	22,155	75,557	29.32%
Total		2,345,992	2,572,597	91.19%

* Partial County

ZD 2 REVISED

STUDY AREA (All)

Row Labels	Sum of INDEMP	Sum of COMEMP	Sum of SEREMP	Sum of TOTEMP	Sum of SCHENRI	Count of TAZ
1	31,063	58,470	156,861	246,393	98,325	274
2	106,349	247,093	635,369	988,811	340,490	826
3	12,226	36,426	70,836	119,488	102,149	300
4	21,546	31,758	86,171	139,475	52,180	400
5	22,830	52,631	138,251	213,712	127,123	1,100
6	47,855	68,695	155,452	272,003	84,838	800
7	24,039	36,842	78,172	139,053	48,325	500
8	9,453	10,085	18,956	38,494	9,086	200
9	3,845	8,337	16,703	28,885	15,145	200
10	49,607	80,678	155,461	285,655	113,427	700
11	4,710	7,287	10,158	22,155	5,790	50
Grand Total	333,523	638,302	1,522,390	2,494,124	996,878	5,350

ID	County	Total Employment	BEA 2015	Model % of BEA
1	Seminole	246,393	246,393	100.00%
2	Orange	988,811	988,811	100.00%
3	Osceola	119,488	126,407	94.53%
4	Lake	139,475	131,342	106.19%
5	Volusia	213,712	232,985	91.73%
6	Brevard	272,003	272,003	100.00%
7	Marion	139,053	141,617	98.19%
8	Sumter	38,494	40,268	95.59%
9	Flagler	28,885	36,115	79.98%
10	Polk	285,655	281,099	101.62%
11	Indian River*	22,155	75,557	29.32%
Total		2,494,124	2,572,597	96.95%

* Partial County

COUNTY	SECTOR	SA	ZD2 ORIGINAL	ZD2 REVISED	BEA 15	% of BEA ORIGINAL	% of BEA REVISED	W&P 15
SEMINOLE	1	7,093	245,974	246,393	246,393	99.83%	100.00%	246,393
ORANGE	2	46,052	867,562	988,811	988,811	87.74%	100.00%	988,811
BREVARD	6	259	245,539	272,003	272,003	90.27%	100.00%	272,003

.DBF Conversion

Row Labels	Sum of SFDU	Sum of SFPOP	Sum of MFDU	Sum of MFPOP	Count of TAZ	.DBF FORMAT	BEBR 2015
1	115,284	313,168	75,351	129,747	274	442,915	442,903 100.003%
2	320,099	847,967	202,026	404,493	826	1,252,460	1,252,396 100.005%
3	104,798	258,853	41,267	91,315	300		308,327
4	138,217	306,379	24,704	39,683	400		316,569
5	197,731	425,914	70,437	100,667	1,100		510,494
6	189,938	420,331	84,912	141,412	800	561,743	561,714 100.005%
7	159,207	319,837	21,540	40,145	500		341,205
8	61,492	112,167	4,240	5,968	200		115,657
9	47,641	106,289	8,277	14,511	200		101,353
10	185,162	415,521	120,569	240,360	700		633,052
11	18,902	42,087	7,565	10,458	50		143,326
Grand Total	1,538,471	3,568,513	660,888	1,218,759	5,350		4,726,996

Statistics

Scenario - CF_2015 (Application CFRPM6... X

RMSE_VOLCNT_24H_Period.PRN (C:\CFR... X

1	===== CFRPM610-All Period: RMSE and Other Volume/Count Evaluation Summary =====							
2	*****							
3								
4	***** A. RMSE and Volume/Count By Volume Group *****							
5	Vol Grp	Count Range	Model RMSE(%)	Allow RMSE Range	Volume	Count	Volume/Count	No of Links
6								
7	1	1- 5,000	103.878%	45 - 55%	14,087,209	13,605,781	1.04	5,484
8	2	5,000- 10,000	57.456%	35 - 45%	19,052,369	20,200,983	0.94	2,791
9	3	10,000- 15,000	46.672%	27 - 35%	18,992,263	19,786,760	0.96	1,599
10	4	15,000- 20,000	37.269%	24 - 27%	17,028,817	16,911,080	1.01	978
11	5	20,000- 30,000	38.870%	22 - 24%	19,341,884	17,880,302	1.08	749
12	6	30,000- 50,000	29.538%	20 - 22%	7,360,732	7,456,443	0.99	207
13	7	50,000- 60,000	18.172%	18 - 20%	1,112,193	1,165,967	0.95	21
14	8	60,000-100,000	14.166%	17 - 18%	5,084,480	5,046,760	1.01	64
15	ALL	1-500,000	56.159%	32 - 39%	102,059,947	102,054,076	1.00	11893