

# **TRANSPORTATION**

## **Appendix 21-D2**

**Project Traffic Assignment Worksheet**

**Project Traffic Screenline Maps**

**Projected Daily and Peak Hour  
Background Traffic**

APPENDIX 21 - D2

Elkton DRI

Project Traffic Assignment Worksheet

1	2	3		4		5		6		7		8		9		10		11	
		Phase I (2007 - 2011)		Phase II (2012 - 2016)		Phase III (2017 - 2021)		A Node		B Node		Adjustment Comment							
Link ID	Roadway Segment	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume	Assignment (Model Daily Volume)	Percent of Project Daily Volume
<b>A. Nease Rd./Vermont Blvd.</b>																			
4	S.R. 207 to County Landfill Entrance	358	4.5%	911	6.5%	1,708	8.8%	66898	66964										
<b>Allen Nease Rd.</b>																			
5	County Landfill Entrance to C.R. 214	358	4.5%	911	6.5%	1,708	8.8%	65818	65491										
<b>Cowpen Branch Rd.</b>																			
8	C.R. 13 to S.R. 206	56	0.7%	80	0.6%	126	0.7%	61690	61678										
<b>C.R. 13</b>																			
13	S.R. 207 (W) to S.R. 207 (E)	24	0.3%	154	1.1%	280	1.4%	58910	58997										
14	S.R. 207 to C.R. 13A	65	0.8%	102	0.7%	135	0.7%	60689	60398										
15	C.R. 13A to C.R. 214	29	0.4%	43	0.3%	55	0.3%	59518	59404										
<b>C.R. 13A</b>																			
18	C.R. 13 to C.R. 305	65	0.8%	102	0.7%	135	0.7%	60398	60572										
19	C.R. 305 to C.R. 214	44	0.6%	82	0.6%	146	0.8%	59589	59590										
<b>C.R. 214</b>																			
44	C.R. 13 to C.R. 13A	52	0.7%	93	0.7%	173	0.9%	59590	59920										
45	C.R. 13A to Allen Nease Rd.	154	1.1%	421	3.0%	625	3.2%	65271	65491										
46	Allen Nease Rd. to Holmes Blvd.	107	1.3%	315	2.3%	1,083	5.6%	69082	69237										69434/69438 (Phases I & II)
47	Holmes Blvd. to Volusia St.	112	1.4%	217	1.6%	359	1.9%	69438	69480										69688/69796 (Phase II)
<b>C.R. 305</b>																			
51-A	S.R. 206 to Kenny Griffin Rd. (Site Entrance S)	764	9.6%	1,312	9.4%	2,094	10.8%	64666	64657										
51-B	Kenny Griffin Rd. (Site Entrance S) to Site Entrance N	192	2.4%	305	2.2%	472	2.4%	64657	64651										
51-C	Site Entrance N to S.R. 207	192	2.4%	305	2.2%	472	2.4%	64651	64653										
52	C.R. 13 to S.R. 207	50	0.6%	88	0.6%	121	0.6%	64644	64645										
<b>C.R. 5A (Old Moultrie Rd.)</b>																			
53	S.R. 5 (U.S. 1) to Kings Estate Rd.	124	1.6%	222	1.6%	290	1.5%	70693	70687										
54.1	Kings Estate Rd. to Lewis Point Rd.	214	2.7%	370	2.6%	559	2.7%	70687	70678										
<b>Kings Estate/Hilltop Rd.</b>																			
59	S.R. 207 to C.R. 5A	337	4.2%	592	4.2%	820	4.2%	70412	70687										
<b>S.R. 206</b>																			
99	S.R. 207 to C.R. 305	550	6.9%	963	6.9%	1,446	7.5%	63548	63787										
100	C.R. 305 to I-95	0	0.0%	0	0.0%	0	0.0%	69301	69599										
101	I-95 to U.S. 1	249	3.1%	595	4.3%	919	4.8%	69733	69951										70266/70637 (Phase I)
102	U.S. 1 to Urban Boundary	141	1.8%	244	1.7%	496	2.6%	72598	72686										
102.1	Urban Boundary to S.R. A1A	114	1.4%	200	1.4%	441	2.3%	73624	73649										
<b>S.R. 207</b>																			
103	Putnam Co. Line to Hastings City Limits (W)	357	4.5%	625	4.5%	944	4.9%	57556	57962										58910/59007 (Phase I)
H-13	Hastings City Limits (W) to Hastings City Limits (E)	412	5.2%	695	4.5%	944	4.9%	58515	58517										
104	Hastings City Limits (E) to S.R. 206	753	9.5%	1,292	9.2%	1,811	9.4%	60491	60617										
105	S.R. 206 to C.R. 13	295	3.7%	454	3.2%	573	3.0%	60617	60759										
106	C.R. 13 to C.R. 305	497	6.3%	731	5.2%	936	4.8%	64572	64645										
107.1	C.R. 305 to Site Entrance (W)	546	6.9%	815	5.8%	1,058	5.5%	64721	64829										
107.1-A	Site Entrance (W) to Site Entrance (E)	1,702	21.9%	3,072	21.9%	4,397	22.8%	64847	65685										
107.1-B	Site Entrance (E) to Vermont Blvd.	6,634	83.5%	11,867	84.8%	16,162	83.7%	66721	66964										
107.2	Vermont Blvd. to Cypress Links Blvd.	6,276	79.0%	10,956	78.3%	14,454	74.8%	67720	68282										
107.3	Cypress Links Blvd. to S.R. 9 (I-95)	6,194	78.0%	10,805	77.2%	14,254	73.8%	68282	68547										
108	S.R. 9 (I-95) to Wildwood Dr.	3,551	44.7%	6,185	44.2%	8,636	44.7%	69210	69245										
109	Wildwood Dr. to Holmes Blvd.	3,073	38.7%	5,380	38.4%	7,428	38.5%	69245	69261										
110	Holmes Blvd. to S.R. 312	2,541	32.0%	4,443	31.7%	6,071	31.4%	69813	69869										
111	S.R. 312 to St. Aug City Limits (W)	1,369	17.2%	2,327	16.6%	3,332	17.3%	70263	70322										
SA-82	St. Aug City Limits (W) to U.S. 1	1,067	13.4%	1,804	12.9%	2,506	13.0%	70686	70797										
<b>S.R. 312</b>																			
112	S.R. 207 to C.R. 5A	1,109	14.0%	1,996	14.3%	2,559	13.3%	70261/70340	70341/70362										
113	C.R. 5A to U.S. 1	870	11.0%	1,571	11.2%	2,057	10.7%	70937/70721	70731/70937										
114.1	U.S. 1 to Coke Rd.	731	9.2%	1,276	9.1%	1,614	8.4%	70966	70316										
114.2	Coke Rd. to S.R. A1A	610	7.7%	1,038	7.4%	1,293	6.7%	72418	72582										
<b>S.R. A1A</b>																			
134	Flagler Co. Line to Matanzas River Bridge	19	0.2%	32	0.2%	24	0.1%	73721	73722										
135	Matanzas River Bridge to S.R. 206	73	0.9%	120	0.9%	144	0.7%	73649	73651										
136	S.R. 206 to Owens Ave.	8	0.1%	25	0.2%	216	1.1%	73619	73615										
137	Owens Ave. to A1A Beach Blvd. (S)	85	1.1%	125	0.9%	64	0.3%	73294	73306										
138	A1A Beach Blvd. (S) to Pope Rd.	211	2.7%	333	2.4%	275	1.4%	73017/72953	72960/73004										
139	Pope Rd. to S.R. 312	211	2.7%	333	2.4%	275	1.4%	72929/72919	72926/72920										
140	S.R. 312 to S.C.L. of St. Augustine	144	1.8%	247	1.8%	358	1.9%	72908	72906										
SA-70	S.C.L. of St. Augustine to Bridge of Lions	127	1.6%	222	1.6%	315	1.6%	72864	72867										
<b>S.R. 5 (U.S. 1)</b>																			
116	I-95 to S.R. 206	0	0.0%	0	0.0%	0	0.0%	78626/72621	72618/72608										
117	S.R. 206 to Pepper Rd.	108	1.4%	198	1.4%	252	1.3%	71794/71722	71778/71749										
117.1	Pepper Rd. to Shores Blvd. (S)	0	0.0%	1	0.0%	11	0.1%	71276/71242	71268/71249										
117.2	Shores Blvd. (S) to Wildwood Dr.	142	1.8%	227	1.6%	347	1.8%	71000/70949	70974/70970										
118	Wildwood Dr. to C.R. 5A	26	0.3%	77	0.6%	112	0.6%	71045/71026	71042/71027										
119	C.R. 5A to Lewis Point Rd.	124	1.6%	194	1.4%	263	1.4%	71002/70968	70993/70975										
120	Lewis Point Rd. to S.R. 312	137	1.7%	291	2.1%	481	2.5%	70967/70937	70966/70936										
121	S.R. 312 to S.C.L. of St. Augustine	3	0.0%	3	0.0%	44	0.2%	70966/70935	70956/70937										
SA-83	S.C.L. of St. Augustine to S.R. 207	164	2.1%	326	2.3%	462	2.4%	70853/70797	70813/70826										
SA-84	S.R. 207 to King St.	889	11.2%	1,435	10.3%	2,010	10.4%	70848/70840	70856/70838										
SA-85	King St. to Castillo Dr.	483	6.1%	805	5.8%	1,234	6.4%	70856/70957	70964/70840										
SA-86	Castillo Dr. to S.R. 16	336	4.2%	551	3.9%	793	4.1%	71215/71199	71214/71206										
<b>S.R. 9 (I-95)</b>																			
128	S.R. 5 (U.S. 1) to S.R. 206	274	3.4%	510	3.6%	603	3.1%	69955/69743	69750/69924										
129	S.R. 206 to S.R. 207	599	7.5%	1,106	7.9%	1,522	7.9%	68963/68793	68813/68955										
130	S.R. 207 to S.R. 16	2,044	25.7%	3,514	25.1%	4,097	21.2%	68546/68130	68162/68517										
131	S.R. 16 to International Golf Parkway	1,334	16.8%	2,409	17.2%	3,098	16.0%	65421/65359	65379/65405										
132	International Golf Parkway to Race Track Rd.	904	11.4%	1,507	10.8%	2,132	11.0%	59600/59432	59449/59556										
<b>St. Ambrose Church Rd.</b>																			
148	C.R																		

**APPENDIX 21-D2  
Elkton DRI**

**Projected Daily and Peak Hour Background Traffic**

1	2	3			4			5			6			7			8			9			10			11			12			13			14			15			16			17			18			19			20			21			22			23			24			25		
		Link ID	Roadway Segment	2007 AADT <sup>1</sup>	K <sub>100</sub> <sup>2</sup>	2007 Peak Hour Volumes	2011 Trended AADT <sup>1</sup>	Final 2011 AADT	K <sub>100</sub> <sup>2</sup>	2011 Peak Hour Volumes	2011 Model Volume	Adjusted 2011 Background Model Volume	2016 Model Volume	Adjusted 2016 Background Model Volume	2016 AADT Model Growth AADT	Final 2016 AADT	K <sub>100</sub> <sup>2</sup>	2016 Peak Hour Volumes	2016 Model Volume	Adjusted 2016 Background Model Volume	2021 Model Volume	Adjusted 2021 Background Model Volume	2021 AADT Model Growth AADT	Final 2021 AADT	K <sub>100</sub> <sup>2</sup>	2021 Peak Hour Volumes	2016 Model Volume	Adjusted 2016 Background Model Volume	2021 Model Volume	Adjusted 2021 Background Model Volume	2021 AADT Model Growth AADT	Final 2021 AADT	K <sub>100</sub> <sup>2</sup>	2021 Peak Hour Volumes	2016 Model Volume	Adjusted 2016 Background Model Volume	2021 Model Volume	Adjusted 2021 Background Model Volume	2021 AADT Model Growth AADT	Final 2021 AADT	K <sub>100</sub> <sup>2</sup>	2021 Peak Hour Volumes																												
<b>A. Nease Rd./Vermont Blvd.</b>																																																																						
4	S.R. 207 to County Landfill Entrance	1,000	0.098	98	1,200	1,200	0.098	118	1,335	1,268	2,044	1,942	1,874	1,874	0.098	184	2,044	1,942	2,073	1,969	1,901	1,901	0.098	184	2,044	1,942	2,073	1,969	1,901	1,901	0.098	184	2,044	1,942	2,073	1,969	1,901	1,901	0.098	184																														
<b>Allen Nease Rd.</b>																																																																						
5	County Landfill Entrance to C.R. 214	800	0.098	78	1,000	1,000	0.098	98	1,335	1,268	2,044	1,942	1,674	1,674	0.098	164	2,044	1,942	2,073	1,969	1,701	1,701	0.098	167	2,044	1,942	2,073	1,969	1,701	1,701	0.098	167	2,044	1,942	2,073	1,969	1,701	1,701	0.098	167																														
<b>Cowpen Branch Rd.</b>																																																																						
8	C.R. 13 to S.R. 206	200	0.098	20	300	300	0.098	29	192	182	218	207	325	325	0.098	32	218	207	183	174	291	291	0.098	29	218	207	183	174	291	291	0.098	29	218	207	183	174	291	291	0.098	29																														
<b>C.R. 13</b>																																																																						
13	S.R. 207 (W) to S.R. 207 (E)	1,300	0.098	127	1,400	1,400	0.098	137	2,034	1,932	4,258	4,055	3,522	3,522	0.098	345	4,258	4,055	5,269	5,006	4,473	4,473	0.098	438	4,258	4,055	5,269	5,006	4,473	4,473	0.098	438	4,258	4,055	5,269	5,006	4,473	4,473	0.098	438																														
14	S.R. 207 to C.R. 13A	1,800	0.098	176	2,100	2,100	0.098	206	2,896	2,751	3,708	3,523	2,871	2,871	0.098	281	3,708	3,523	4,366	4,148	3,497	3,497	0.098	343	3,708	3,523	4,366	4,148	3,497	3,497	0.098	343	3,708	3,523	4,366	4,148	3,497	3,497	0.098	343																														
15	C.R. 13A to C.R. 214	900	0.098	88	1,000	1,000	0.098	98	317	301	329	313	1,011	1,011	0.098	99	329	313	408	388	1,086	1,086	0.098	104	329	313	408	388	1,086	1,086	0.098	104	329	313	408	388	1,086	1,086	0.098	104																														
<b>C.R. 13A</b>																																																																						
18	C.R. 13 to C.R. 305	4,200	0.098	412	5,200	5,200	0.098	510	2,579	2,450	3,378	3,209	5,959	5,959	0.098	584	3,378	3,209	3,958	3,760	6,510	6,510	0.098	638	3,378	3,209	3,958	3,760	6,510	6,510	0.098	638	3,378	3,209	3,958	3,760	6,510	6,510	0.098	638																														
19	C.R. 305 to C.R. 214	1,600	0.098	157	1,800	1,800	0.098	176	1,965	1,867	2,726	2,590	2,523	2,523	0.098	247	2,726	2,590	3,198	3,038	2,971	2,971	0.098	291	2,726	2,590	3,198	3,038	2,971	2,971	0.098	291	2,726	2,590	3,198	3,038	2,971	2,971	0.098	291																														
<b>C.R. 214</b>																																																																						
44	C.R. 13 to C.R. 13A	1,200	0.098	118	1,400	1,400	0.098	137	3,066	2,913	3,940	3,743	2,230	2,230	0.098	219	3,940	3,743	4,747	4,510	2,997	2,997	0.098	294	3,940	3,743	4,747	4,510	2,997	2,997	0.098	294	3,940	3,743	4,747	4,510	2,997	2,997	0.098	294																														
45	C.R. 13A to Allen Nease Rd.	1,500	0.098	147	1,700	1,700	0.098	167	3,293	3,128	3,757	3,569	2,141	2,141	0.098	210	3,757	3,569	7,865	7,472	6,043	6,043	0.098	592	3,757	3,569	7,865	7,472	6,043	6,043	0.098	592	3,757	3,569	7,865	7,472	6,043	6,043	0.098	592																														
46	Allen Nease Rd. to Holmes Blvd.	4,300	0.098	421	4,900	4,900	0.098	480	12,514	11,546	13,019	12,368	5,722	5,722	0.098	561	13,019	12,368	16,306	15,491	8,844	8,844	0.098	867	13,019	12,368	16,306	15,491	8,844	8,844	0.098	867	13,019	12,368	16,306	15,491	8,844	8,844	0.098	867																														
47	Holmes Blvd. to Volusia St.	8,500	0.096	816	9,500	9,500	0.096	912	8,846	8,404	10,011	9,510	10,607	10,607	0.096	1,018	10,011	9,510	12,113	11,507	12,604	12,604	0.096	1,210	10,011	9,510	12,113	11,507	12,604	12,604	0.096	1,210	10,011	9,510	12,113	11,507	12,604	12,604	0.096	1,210																														
<b>C.R. 305</b>																																																																						
51-A	S.R. 206 to Kenny Griffin Rd. (Site Entrance S)	600	0.098	59	700	700	0.098	69	39	37	39	37	700	700	0.098	69	39	37	59	56	719	719	0.098	70	39	37	59	56	719	719	0.098	70	39	37	59	56	719	719	0.098	70																														
51-B	Kenny Griffin Rd. (Site Entrance S) to Site Entrance N	600	0.098	59	700	700	0.098	69	37	35	39	37	702	702	0.098	69	39	37	59	56	721	721	0.098	71	39	37	59	56	721	721	0.098	71	39	37	59	56	721	721	0.098	71																														
51-C	Site Entrance N to S.R. 207	600	0.098	59	700	700	0.098	69	37	35	39	37	702	702	0.098	69	39	37	59	56	721	721	0.098	71	39	37	59	56	721	721	0.098	71	39	37	59	56	721	721	0.098	71																														
52	C.R. 13 to S.R. 207	600	0.098	59	600	600	0.098	59	31	29	37	35	606	606	0.098	59	37	35	54	51	622	622	0.098	61	37	35	54	51	622	622	0.098	61	37	35	54	51	622	622	0.098	61																														
<b>C.R. 5A (Old Moultrie Rd.)</b>																																																																						
53	S.R. 5 (U.S. 1) to Kings Estate Rd.	4,600	0.095	437	4,500	4,500	0.095	428	6,645	6,313	7,263	6,900	5,087	5,087	0.095	483	7,263	6,900	9,006	8,556	6,743	6,743	0.095	641	7,263	6,900	9,006	8,556	6,743	6,743	0.095	641	7,263	6,900	9,006	8,556	6,743	6,743	0.095	641																														
54.1	Kings Estate Rd. to Lewis Point Rd.	10,400	0.093	967	10,500	10,500	0.093	977	5,484	5,210	5,984	5,685	10,975	10,975	0.093	1,021	5,984	5,685	5,898	5,604	10,893	10,893	0.093	1,013	5,984	5,685	5,898	5,604	10,893	10,893	0.093	1,013	5,984	5,685	5,898	5,604	10,893	10,893	0.093	1,013																														
<b>Kings Estate/Hilltop Rd.</b>																																																																						
59	S.R. 207 to C.R. 5A	6,600	0.096	634	7,600	7,600	0.096	730	7,284	6,920	8,180	7,771	8,451	8,451	0.096	811	8,180	7,771	10,219	9,708	10,388	10,388	0.096	997	8,180	7,771	10,219	9,708	10,388	10,388	0.096	997	8,180	7,771	10,219	9,708	10,388	10,388	0.096	997																														
<b>S.R. 206</b>																																																																						
99	S.R. 207 to C.R. 305	4,200	0.098	412	4,700	4,700	0.098	461	2,513	2,387	2,908	2,763	5,075	5,075	0.098	497	2,908	2,763	4,023	3,822	6,135	6,135	0.098	601	2,908	2,763	4,023	3,822	6,135	6,135	0.098	601	2,908	2,763	4,023	3,822	6,135	6,135	0.098	601																														
100	C.R. 305 to I-95	4,200	0.096	403	4,700	4,700	0.096	451	3,153	2,955	3,678	3,494	5,199	5,199	0.096	499	3,678	3,494	5,237	4,975	6,680	6,680	0.096	641	3,678	3,494	5,237	4,975	6,680	6,680	0.096	641	3,678	3,494	5,237	4,975	6,680	6,680	0.096	641																														
101	I-95 to U.S. 1	6,500	0.096	624	7,400	7,400	0.096	710	7,065	6,712	8,604	8,174	8,862	8,862	0.096	851	8,604	8,174	11,694	11,109	11,798	11,798	0.096	1,133	8,604	8,174	11,694	11,109	11,798	11,798	0.096	1,133	8,604	8,174	11,694	11,109	11,798	11,798	0.096	1,133																														
102	U.S. 1 to Urban Boundary	9,100	0.096	874	9,800	9,800	0.096	941	11,754	11,166	14,455	13,732	12,366	12,366	0.096	1,187	14,455	13,732	19,962	18,964	17,598	17,598	0.096	1,689	14,455	13,732	19,962	18,964	17,598	17,598	0.096	1,689	14,455	13,732	19,962	18,964	17,598	17,598	0.096	1,689																														
102.1	Urban Boundary to S.R. A1A	9,100	0.095	865	9,800	9,800	0.095	931	10,810	10,270	13,485	12,811	12,366	12,341	0.095	1,174	13,485	12,811	18,528	17,602	17,132	17,132	0.095	1,628	13,485	12,811	18,528	17,602	17,132	17,132	0.095	1,628	13,485	12,811	18,528	17,602	17,132	17,132	0.095	1,628																														
<b>S.R. 207</b>																																																																						
103	Putnam Co. Line to Hastings City Limits (W)	13,900	0.098	1,362	15,500	15,500	0.098	1,519	13,041	12,389	13,805	13,115	16,226	16,226	0.098	1,590	13,805	13,115	15,779	14,990	18,101	18,101	0.098	1,774	13,805	13,115	15,779	14,990	18,101	18,101																																								