



Appendix E

Future Traffic Projections

CO-Shailaja Avatapalli

Subject: FW: CLA-SR 235 Corridor Study

From: Greg.Giaino@dot.state.oh.us [mailto:Greg.Giaino@dot.state.oh.us]

Sent: Monday, August 22, 2011 12:38 PM

To: Agresta, Louis

Cc: CO-Aaron Grilliot

Subject: Re: CLA-SR 235 Corridor Study

Louis

Bearing in mind that I don't have any of the count or development information collected by the consultant for the project, I would recommend a simple (uncompounded) annual growth rate of 0.5% per year. This can be used to develop background traffic on which development impacts can be superimposed.

Greg

"Agresta, Louis" <lagresta@clarkcountyohio.gov>

08/22/2011 10:16 AM

To <Greg.Giaino@dot.state.oh.us>

cc <aggrilliot@transystems.com>

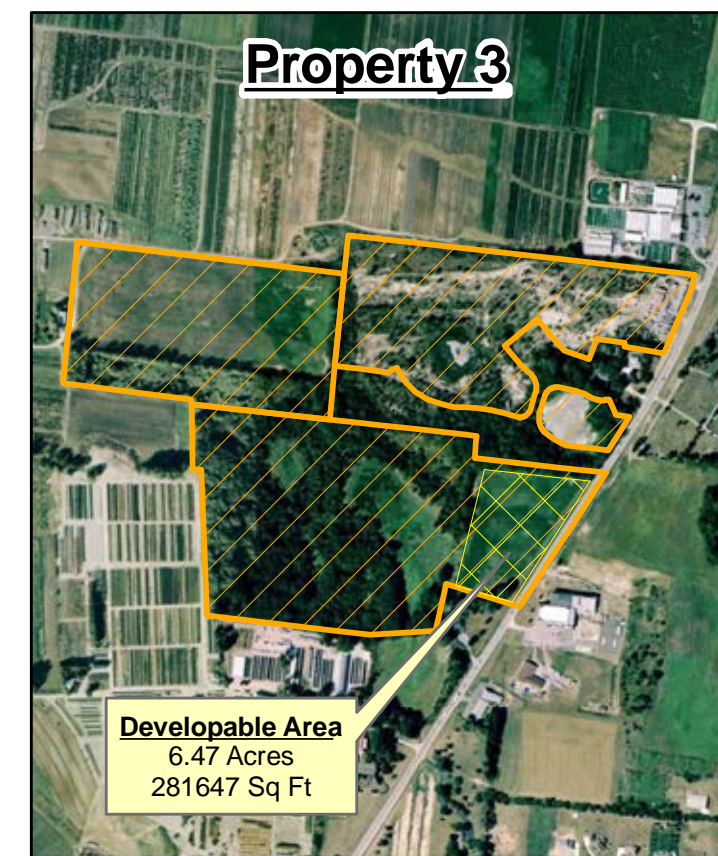
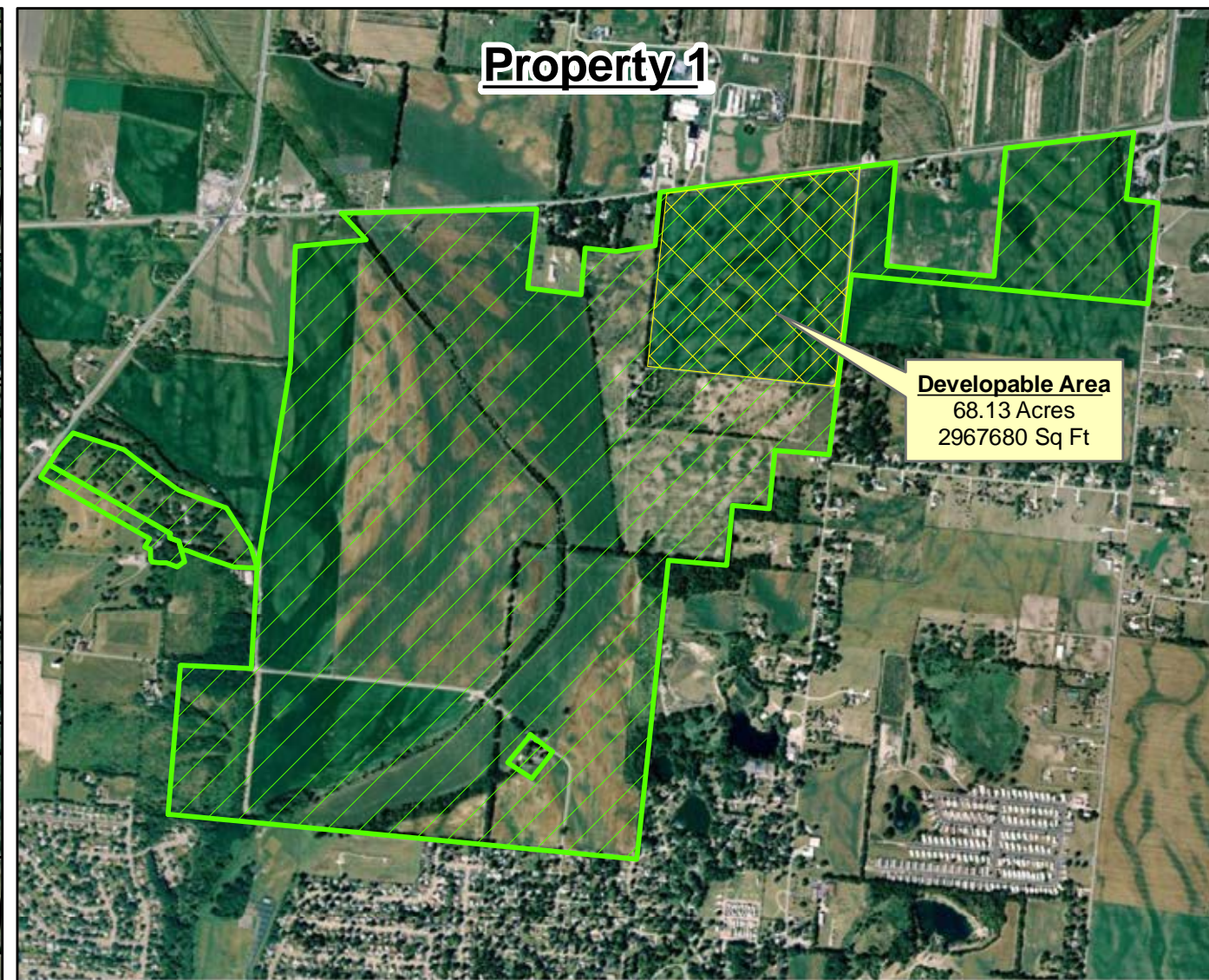
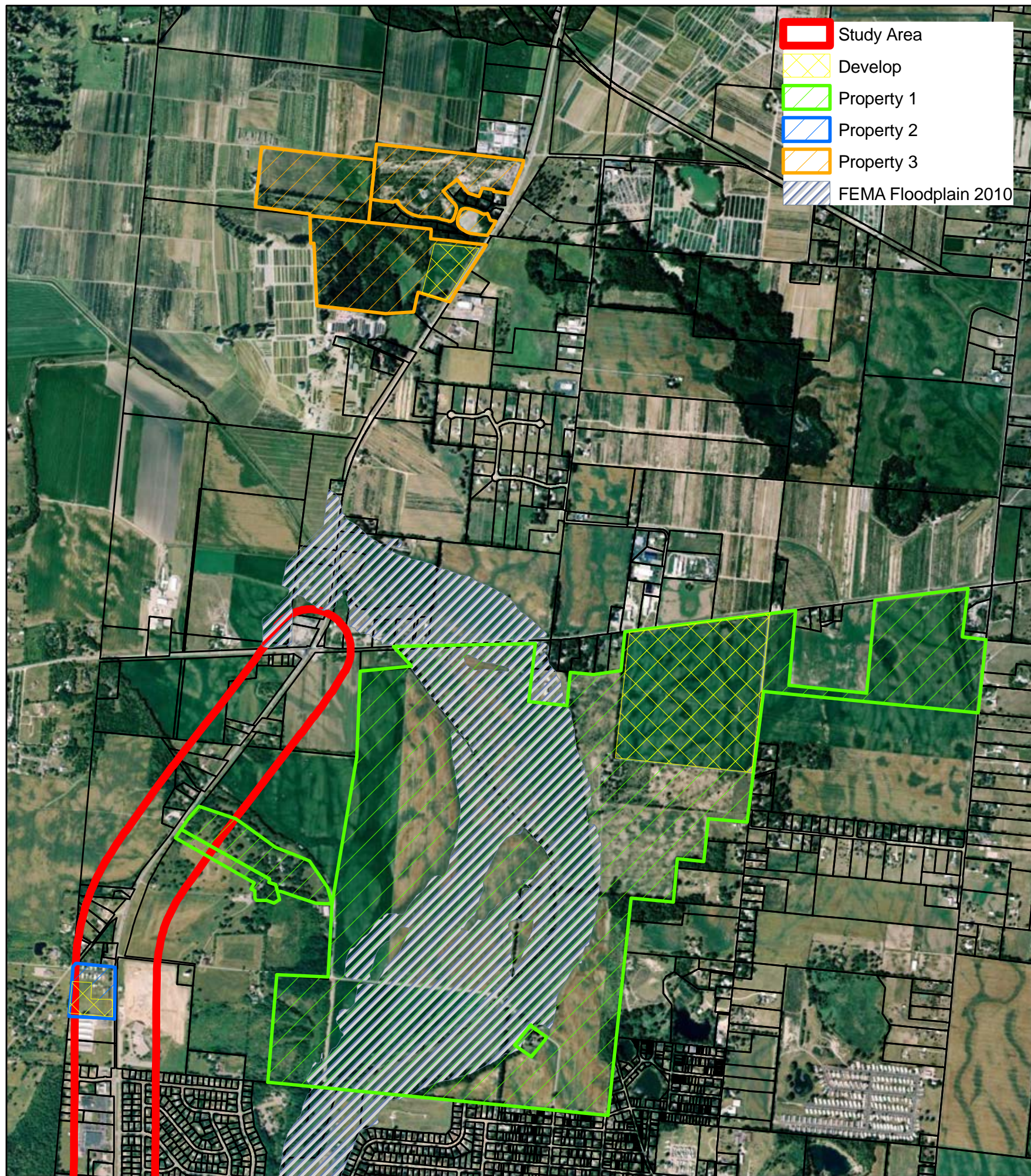
Subject CLA-SR 235 Corridor Study

Greg,

The Clark County Springfield-TCC has kicked off another study, titled CLA-SR 235 Corridor Study. I have attached the study map for your reference. The consultant as collected preliminary traffic data and is beginning to form traffic growth rates before moving forward with the Study. I wanted to check with you for the rate that you would recommend that the consultant use. Any help you could give would be appreciated. Thank you and please let me know if you have any questions.

Louis Agresta

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Description	ITE LUC	Variable	Weekday AM Peak Hour			Weekday PM Peak Hour			Pass-By Rate	
			ITE Average Rate	% Enter	% Exit	ITE Average Rate	% Enter	% Exit	AM	PM
Single Family Homes	210	Dwelling Units	0.75	25%	75%	1.01	63%	37%	0%	0%
Retail (Shopping Center)	820	1000 sf	1.00	61%	39%	3.73	49%	51%	20%	34%
Free Standing Discount Store	815	1000 sf	1.06	68%	32%	5.00	50%	50%	10%	17%
General Office Building	710	1000 sf	1.55	88%	12%	1.49	17%	83%	0%	0%

Source: Institute of Transportation Engineers (ITE) Trip Generation Manual, 8th Edition.
AM pass-by 60% of PM pass-by

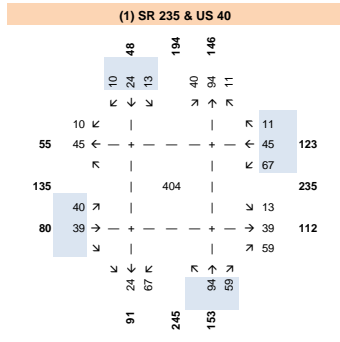
Property	Developable Area	Description	Area (SF)	Size	Variable	AM Peak Hour						PM Peak Hour						% of Trips To/From SR 235 S of US 40
						Total	Internal	Pass-by	New Trips	Enter	Exit	Total	Internal	Pass-by	New Trips	Enter	Exit	
Property 1 (South east of SR 235 and US 40)	68.13 Acres 2,960,000 SF	Single Family (Residential) @ 12,000 SF/Dwelling Unit	2,640,000	220	Dwelling Units	165	0	0	165	41	124	222	44	0	178	112	66	30%
		Shopping Center	320,000	320	1000 SF	320	0	64	256	156	100	1,194	239	325	630	309	321	
		Property 1 Total	2,960,000	Total Trips ->	485	0	64	421	286	135	1,416	283	325	808	421	387		
Property 2 (1159 Dayton-Lakeview Rd)	3.48 Acres 151,000 SF	Family Dollar Store (Free Standing Discount Store)	15,000	15	1000 SF	16	0	2	14	13	2	75	0	13	62	31	31	100%
Property 3 (West of SR 235, N of US 40)	6.47 Acres (281,000 SF)	Office	150,000	150	1000 SF	233	0	0	233	40	193	224	11	0	212	36	176	35%
		Shopping Center	131,000	131	1000 SF	131	0	26	105	0	105	489	24	158	306	150	156	
		Property 3 Total	281,000	Total Trips ->	364	0	26	337	0	337	712	36	158	519	186	332		
Total Trips by background Projects						864	0	92	773	299	474	2,203	319	495	1,389	638	751	

Internal trips PM - Property 1 = 20%; Property 3 - 5%

CLA SR 235
Clark County, Ohio
Background projects - AM Peak Hour

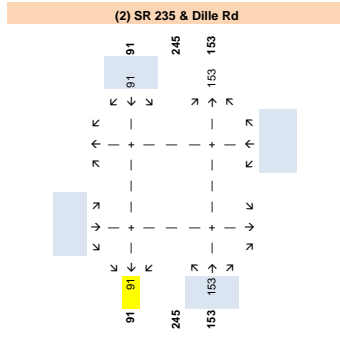
property 3

in	out
269	69



property 1

In	Out
197	224



property 3
in out
0

The store doesnot open in AM peak

