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COMMUNITY DEVELOPMENT

**TABLE 1A
LEVEL OF SERVICE THRESHOLDS
2045 LONG RANGE TRANSPORTATION ANALYSIS - ALICO WEST AREA 9/CENTERPLACE**

ROADWAY	ROADWAY SEGMENT	2045 E + C NETWORK LANES		GENERALIZED SERVICE VOLUMES				
		# Lanes	Roadway Designation	LOS A VOLUME	LOS B VOLUME	LOS C VOLUME	LOS D VOLUME	LOS E VOLUME
Alico Rd	E. of Airport Haul Rd	4LD	Controlled Access Facility	0	270	1,970	2,100	2,100
	E. of Ben Hill Griffin Pkwy	4LD	Controlled Access Facility	0	270	1,970	2,100	2,100
	E. of I-75	6LD	Arterial	0	400	2,840	2,940	2,940
	E. of Three Oaks Pkwy	6LD	Arterial	0	400	2,840	2,940	2,940
	E. of Lee Rd	6LD	Arterial	0	400	2,840	2,940	2,940
	E. of Gator Rd	6LD	Arterial	0	400	2,840	2,940	2,940
Ben Hill Griffin Pkwy	N. of Alico Rd	4LD	Controlled Access Facility	0	270	1,970	2,100	2,100
	S. of Alico Rd	6LD	Arterial	0	400	2,840	2,940	2,940
	S. of FGCU Blvd	4LD	Arterial	0	250	1,840	1,960	1,960
	S. of Estero Pkwy	4LD	Arterial	0	250	1,840	1,960	1,960
Treeline Ave	N. of Terminal Access Rd	4LD	Controlled Access Facility	0	270	1,970	2,100	2,100
I-75	S. of Alico Rd	6LF	Freeway	0	3,280	4,570	5,620	6,130
	N. of Alico Rd	6LF	Freeway	0	3,280	4,570	5,620	6,130
	N. of Terminal Access Rd	6LF	Freeway	0	4,280	5,570	6,620	7,130
Estero Pkwy	E. of Three Oaks Pkwy	4LD	Arterial	0	250	1,840	1,960	1,960
Three Oaks Pkwy	N. of Alico Rd	4LD	Arterial	0	250	1,840	1,960	1,960
	S. of Alico Rd	4LD	Arterial	0	250	1,840	1,960	1,960
	N. of Estero Pkwy	4LD	Arterial	0	250	1,840	1,960	1,960

- Denotes the LOS Standard for each roadway segment

* Level of Service Thresholds for Lee County roadways were taken from the Generalized Peak Hour Directional Service Volume tables for Urbanized Areas (dated April 2016)
 * Level of Service Thresholds for state maintained roadways were taken from FDOT's Generalized Peak Hour Directional Volumes for Florida's Urbanized Areas Table 7.

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TABLE 2A
2045 ROADWAY LINK LEVEL OF SERVICE CALCULATIONS
ALICO WEST AREA 9/CENTERPLACE

TOTAL PM PEAK HOUR PROJECT TRAFFIC = 314 VPH IN= 188 OUT= 126

ROADWAY	ROADWAY SEGMENT	2045	COUNTY PCS / FDOT SITE #	AADT	K-100	100TH HIGHEST	PM PK HR	PEAK	2045		PROJECT	PK DIR	2045 BACKGROUND PLUS PROJ	
		FSUTMS		BACKGROUND		HOUR PK DIR			DIRECTION	TRAFFIC			LOS	TRAFFIC
		AADT		TRAFFIC	FACTOR	2-WAY VOLUME	D		VOLUME	LOS	DIST.	TRAFFIC	VOLUME	LOS
Alico Rd	E. of Airport Haul Rd	37,787	53	37,787	0.101	3,816	0.52	WEST	1,832	C	3%	5	1,837	C
	E. of Ben Hill Griffin Pkw	43,005	53	43,005	0.101	4,344	0.52	WEST	2,085	D	92%	173	2,258	F
	E. of I-75	69,739	53	69,739	0.101	7,044	0.52	WEST	3,381	F	50%	94	3,475	F
	E. of Three Oaks Pkwy	79,870	53	79,870	0.101	8,067	0.52	WEST	3,872	F	28%	53	3,925	F
	E. of Lee Rd	58,013	53	58,013	0.101	5,859	0.52	WEST	2,812	C	26%	49	2,861	D
	E. of Gator Rd	50,781	53	50,781	0.101	5,129	0.52	WEST	2,462	C	26%	49	2,511	C
Ben Hill Griffin Pkwy	N. of Alico Rd	40,724	71	40,724	0.131	5,335	0.51	SOUTH	2,614	F	17%	32	2,646	F
	S. of Alico Rd	54,451	71	54,451	0.131	7,133	0.51	SOUTH	3,495	F	24%	45	3,540	F
	S. of FGCU Blvd	40,072	71	40,072	0.131	5,249	0.51	SOUTH	2,572	F	13%	24	2,596	F
	S. of Estero Pkwy	27,174	71	27,174	0.131	3,560	0.51	SOUTH	1,744	C	6%	11	1,755	C
Treeline Ave	N. of Terminal Access R	38,493	61	38,493	0.116	4,465	0.62	NORTH	2,768	F	13%	24	2,792	F
I-75	S. of Alico Rd	120,564	120055	120,564	0.090	10,851	0.577	NORTH	6,261	F	10%	18	6,279	F
	N. of Alico Rd	83,668	120184	83,668	0.090	7,530	0.588	NORTH	4,428	C	12%	23	4,451	C
	N. of Terminal Access R	126,427	120184	126,427	0.090	11,378	0.588	NORTH	6,690	E	12%	23	6,713	E
Estero Pkwy	E. of Three Oaks Pkwy	33,958	53	33,958	0.101	3,430	0.52	WEST	1,646	C	7%	13	1,659	C
Three Oaks Pkwy	N. of Alico Rd	4,483	72	4,483	0.117	525	0.6	NORTH	315	C	5%	9	324	C
	S. of Alico Rd	40,465	72	40,465	0.117	4,734	0.6	NORTH	2,840	F	6%	11	2,851	F
	N. of Estero Pkwy	33,460	72	33,460	0.117	3,915	0.6	NORTH	2,349	F	3%	5	2,354	F

* The K-100 and D factors for County maintained roadways were obtained from Lee County Traffic Count Report.

* The K-100 and D factors for FDOT maintained roadways were obtained from Florida Traffic Online resource.