

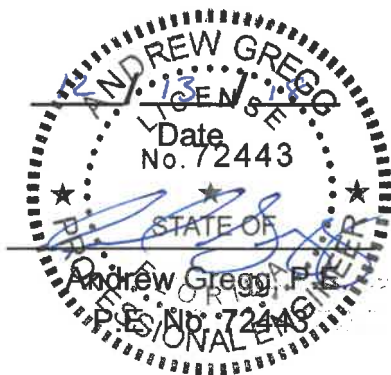


PRELIMINARY ENGINEERING REPORT

Littleton Road from Corbett Road to US 41 Widening Study Lee County, Florida

Contract Number: CN160459DLK

This preliminary engineering report contains detailed engineering information that fulfills the purpose and need for Littleton Road from Corbett Road to US 41 Widening Study in Lee County.



PROFESSIONAL ENGINEER CERTIFICATE

I hereby certify that I am a registered professional engineer in the State of Florida practicing with **AIM Engineering & Surveying, Inc.**, and that I have supervised the preparation of, and approved the analysis, findings, opinions, conclusions, and technical advice reported in:

REPORT: Preliminary Engineering Report
PROJECT: Littleton Road from Corbett Road to US 41 Widening Study
LOCATION: Lee County, Florida
CONTRACT: CN160459DLK
CLIENT: Lee County Department of Transportation

The following duly authorized engineering business performed the engineering work represented by this report:

AIM Engineering & Surveying, Inc.
3802 Corporex Park Drive, Suite 225
Tampa, Florida 33619
Telephone: (813) 627-4144
Florida Certificate of Authorization: 3114

This preliminary engineering report contains detailed engineering information that fulfills the purpose and need for the Littleton Road from Corbett Road to US 41 Widening Study in Lee County, Florida.

I acknowledge that the procedures and references used to develop the results contained in this report are standard to the professional practice of transportation engineering as applied through design standards and criteria set forth by the federal, state, and local regulatory agencies as well as professional judgment and experience.

Name: Andrew Gregg, P.E.

Signature: _____

P.E. Number: 72443

Date: _____

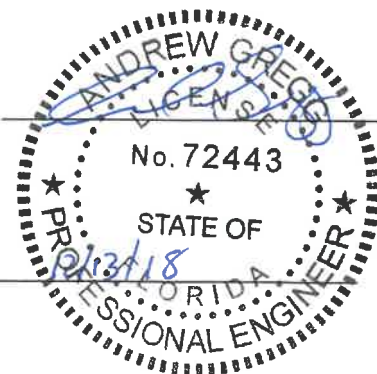


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SECTION 1.0 INTRODUCTION

This preliminary engineering report contains detailed engineering information that fulfills the purpose and need for the Littleton Road from Corbett Road to US 41 Widening Study in Lee County, Florida.

The purpose of this report is to document the decision-making process, factors considered, and recommendations made as a result of the study. This report includes information about the alternatives analyzed, recommended improvements, possible environmental effects, and the public involvement program.

1.1 Project Description

Lee County Department of Transportation (LCDOT) is conducting a study to evaluate the proposed widening of 1.2 miles of Littleton Road from Corbett Road to US 41 in Lee County. The purpose of the study is to evaluate engineering and environmental data and document information that will aid LCDOT in determining the type, preliminary design and location of the proposed improvements. The project limits are shown in **Figure 1-1**.

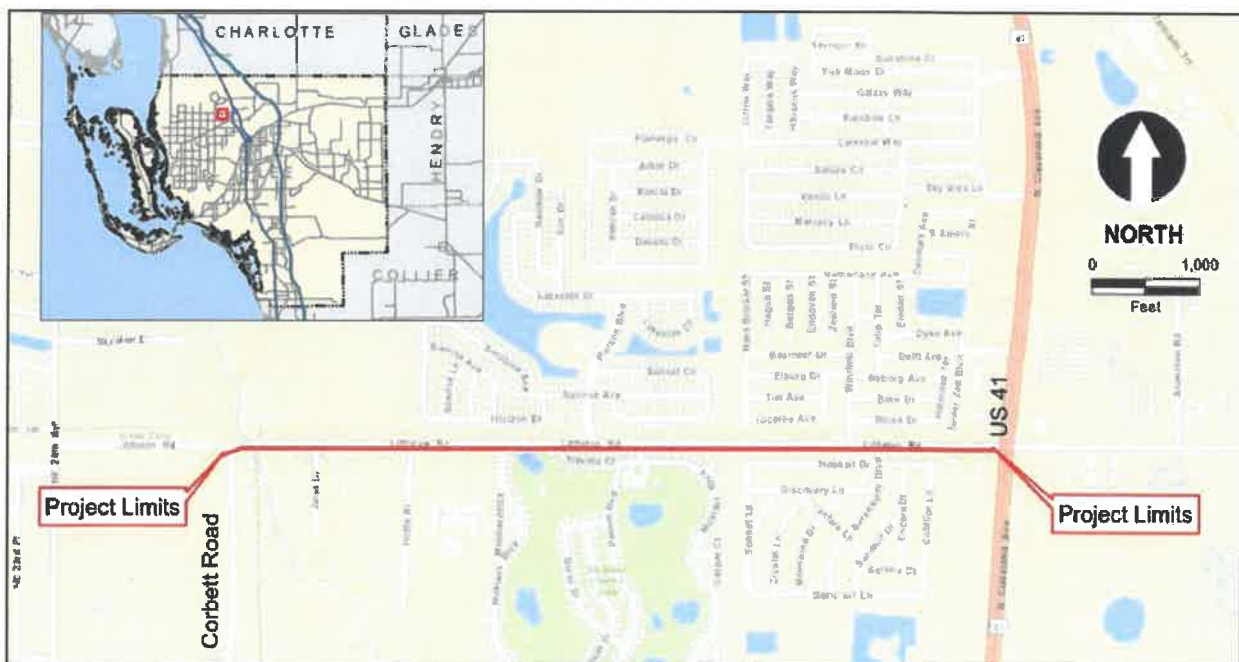


Figure 1-1 - Project Location Map

1.2 Purpose and Need

The purpose of this transportation improvement project is to reduce congestion due to projected future year level of service deficiencies, provide for safe travel conditions, decrease emergency response times, and add bicycle and pedestrian facilities. The proposed widening of Littleton Road is anticipated to improve traffic operations in the area. Littleton Road is in the 2040 Lee County Long Range Transportation Plan to be widened to four lanes. Littleton Road needs to be widened to improve system continuity, safety, and better accommodate future year traffic volumes.

SECTION 2.0 EXISTING CONDITIONS

The existing conditions described in the following sections of this report were derived from a review of multiple data sources as well as additional data that was collected during several field reviews conducted in the early stages of this study.

2.1 Typical Section

Littleton Road is a two-lane undivided facility with 11-foot travel lanes (one in each direction) from Corbett Road to US 41. In general, there are no paved shoulders, bicycle lanes or sidewalks on Littleton Road within this segment; however, a 5-foot sidewalk is present on the south side of the roadway from Hutto Road to US 41 and an 8-foot shared use path is present on the north side of the roadway from East Branch Yellow Fever Creek to US 41. There is an existing bridge culvert structure with guardrail and 4-foot shoulders on both sides of the roadway east of Corbett Road. The posted speed limit for Littleton Road is 40 miles per hour (mph). **Figure 2-1** shows a view of Littleton Road to the east of Corbett Road, **Figure 2-2** shows Littleton Road east of Hutto Road, and **Figure 2-3** shows Littleton Road east of East Branch Yellow Fever Creek.



Figure 2-1 - Littleton Road Looking East from Corbett Road



Figure 2-2 - Littleton Road Looking East from Hutto Road



Figure 2-3 - Littleton Road Looking East from East Branch Yellow Fever Creek

2.2 Existing Roadway Right-of-Way

The existing right-of-way information was obtained from right-of-way maps and property appraiser maps from Lee County. **Table 2-1** summarizes the existing right-of-way for the project area. There is additional right-of-way along the north side of Littleton Road that is maintained by Lee County. The right-of-way varies in width from 60-feet to 90-feet. The maintained right-of-way limits were established by a specific purpose survey adopted by the Lee County Board of County Commissioners on December 3, 2013 and recorded with the Lee County Clerk of Courts via instrument numbers 2017000185068, right-of-way maps and 20170001884986, maintenance affidavit.

Table 2-1 - Existing Right-of-Way

Roadway	Existing Right-of-Way Width (ft)	Limits
Littleton Road	60 - 90	From Corbett Road to US 41
Janet Drive	50	South of Littleton Road
Hutto Road	50	South of Littleton Road
US 41	200	North and South of Littleton Road

2.3 Roadway Classification

The functional classifications of the roadways within the project limits were obtained from the Lee County Administrative Code AC-11-1 and are summarized in **Table 2-2**. Littleton Road is classified as a Major Collector.

Table 2-2 - Functional Classification

Roadway	Functional Classification	Limits	Maintained By
Littleton Road	Major Collector	From Corbett Road to US 41	Lee County
Janet Drive	Local Road	South of Littleton Road	Lee County
Hutto Road	Local Road	South of Littleton Road	Lee County
US 41	Arterial	North and South of Littleton Road	FDOT

2.4 Pedestrian Facilities

A 5-foot sidewalk is located on the south side of Littleton Road from Hutto Road to west of East Branch Yellow Fever Creek. The sidewalk then resumes along the south side of Littleton Road at Windmill Boulevard to Serendipity Boulevard to provide a connection between the two communities. An 8-foot path runs along the north side of Littleton Road, beginning at a pedestrian crossing located west of East Branch Yellow Fever Creek and continuing eastward US 41.

There are no pedestrian facilities on Janet Drive. Approximately 400-feet of 6-foot sidewalk is located on the west side of Hutto Road. The sidewalk begins at Littleton Road and ends south of the driveway at Dr. Carrie D. Robinson Elementary School. An unsignalized crosswalk is located at the end of the sidewalk near the school entrance. At US 41, an 8-foot trail extends south through the intersection from the north side of Littleton Road. The 8-foot trail crosses US 41 on

the north side of Littleton Road and transitions to a 5' sidewalk at Walgreens. A 5-foot sidewalk continues north along US 41 from the northwest quadrant of the intersection. Pedestrian landings and crosswalks are provided at all four quadrants of the intersection.

2.5 Bicycle Facilities

There are no bicycle facilities within the Littleton Road, Janet Drive, and Hutto Road corridors. Five-foot paved shoulders are provided along US 41 and may be used as a bicycle facility.

2.6 Transit Facilities

LeeTran currently provides transit (bus) service via Route 595 (Merchants Crossing/Pondella Road) which travels northbound on Corbett Road and eastbound on Littleton Road. Route 595 is shown in **Figure 2-4**. The service operates from 5:00 a.m. to 8:00 p.m. with one-hour headways on Monday through Saturday. Sunday service operates only from 10:20 a.m. to 5:40 p.m.

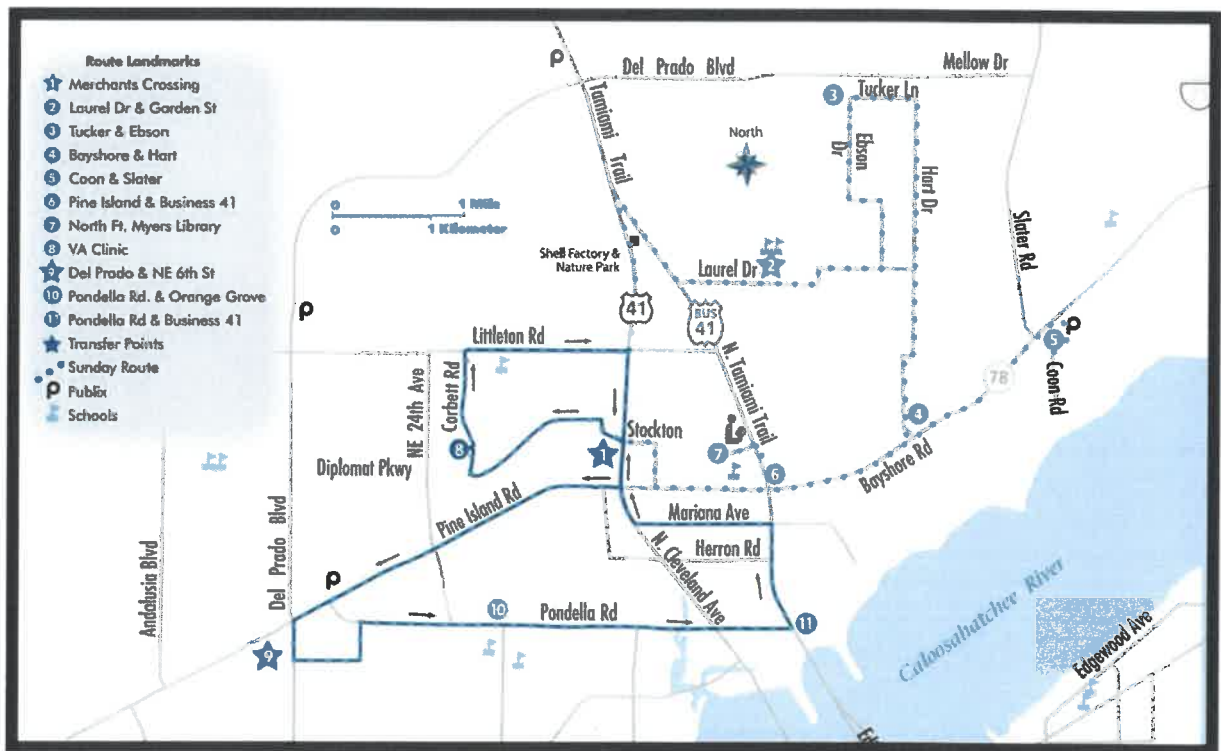


Figure 2-4 - LeeTran Route 595

2.7 Lighting

There is no lighting within the project limits except an overhead light on the northwest and southeast corners of Littleton Road and US 41.

2.8 Posted Speeds

The posted speed limits range from 25 to 55 mph. **Table 2-3** lists the posted speed limits for all roadways within the project limits.

Table 2-3 - Posted Speed Limits

Roadway	Posted Speed Limit (mph)	Limits
Littleton Road	40	From Corbett Road to US 41
Janet Drive	25	South of Littleton Road
Hutto Road	25	South of Littleton Road
US 41	55	North and South of Littleton Road

2.9 Intersection Layout

There are eight intersections within the project limits. Six of the intersections are stop sign controlled. The intersection of Littleton Road and US 41 is signalized. The intersection of Janet Drive and Littleton Road does not have any existing signage. **Figure 2-5** through **Figure 2-11** illustrate the lane geometry and intersection control for the intersections.



Figure 2-5 - Janet Drive Intersection Layout



Figure 2-6 - Hutto Road Intersection Layout



Figure 2-7 - Nicklaus Boulevard Intersection Layout



Figure 2-8 - Horizon Boulevard Intersection Layout



Figure 2-9 - Palmer Boulevard Intersection Layout



Figure 2-10 - Windmill Boulevard & Serendipity Boulevard Intersection Layout

The intersection of Littleton Road and US 41 is signalized.



Figure 2-11 – US 41 Intersection Layout

2.10 Existing Traffic Conditions

2.10.1 Existing Roadway and Intersection Characteristics

The project limits for this widening study are from Corbett Road to US 41. Lee County recently completed the Littleton Road – Kismet Parkway Realignment Study to align the Littleton Road/Kismet Parkway intersection to create a continuous east-west corridor. The traffic analysis was done over the entire corridor from west of NE 24th Avenue to US 41. The traffic along Littleton Road will be influenced by the realignment of the intersection, which is currently under design and programmed for construction in Lee County's Capital Improvement Plan in the 2018/19 fiscal year.

Littleton Road is a two-lane undivided east/west urban major collector from Corbett Road to US 41, a distance of approximately 1.2 miles. The study limits for the Traffic Technical Memorandum extend from NE 24th Avenue to US 41. The study corridor includes the eleven (11) intersections listed below:

- Kismet Parkway/NE 24th Avenue
- Littleton Road/NE 24th Avenue
- Littleton Road/Corbett Road
- Littleton Road/Hutto Road
- Littleton Road/Littleton Elementary School Driveway
- Littleton Road/Nicklaus Boulevard
- Littleton Road/Horizon Boulevard

- Littleton Road/Palmer Boulevard
- Littleton Road/Windmill Boulevard
- Littleton Road/Serendipity Boulevard
- Littleton Road/US 41

Ten of these intersections are unsignalized T-intersections. All of the intersections on Littleton Road from Hutto Road to Serendipity Boulevard are subject to stop control on the cross streets/driveways. A “four-legged” signalized intersection is located at the Littleton Road/US 41 intersection. Exclusive turn lanes are provided on Littleton Road at the following intersections:

- Hutto Road (westbound left-turn and eastbound right-turn lanes)
- Littleton Elementary School Driveway (westbound left-turn lane)
- US 41 (eastbound left-turn and right-turn lanes)

Figure 2-12 depicts the existing intersection laneage throughout the Kismet Parkway/Littleton Road study corridor, as well as the lengths of the full-width left turn and right turn lanes.

The study corridor has a posted speed limit of 40 miles per hour (mph). Passing is prohibited on Littleton Road between Corbett Road and Nicklaus Boulevard and between Serendipity Boulevard and US 41. Passing is also prohibited on portions of Littleton Road between NE 24th Avenue and Corbett Road (approximately 28% of this segment length) and between Nicklaus Boulevard and Horizon Boulevard (approximately 57% of this segment length).

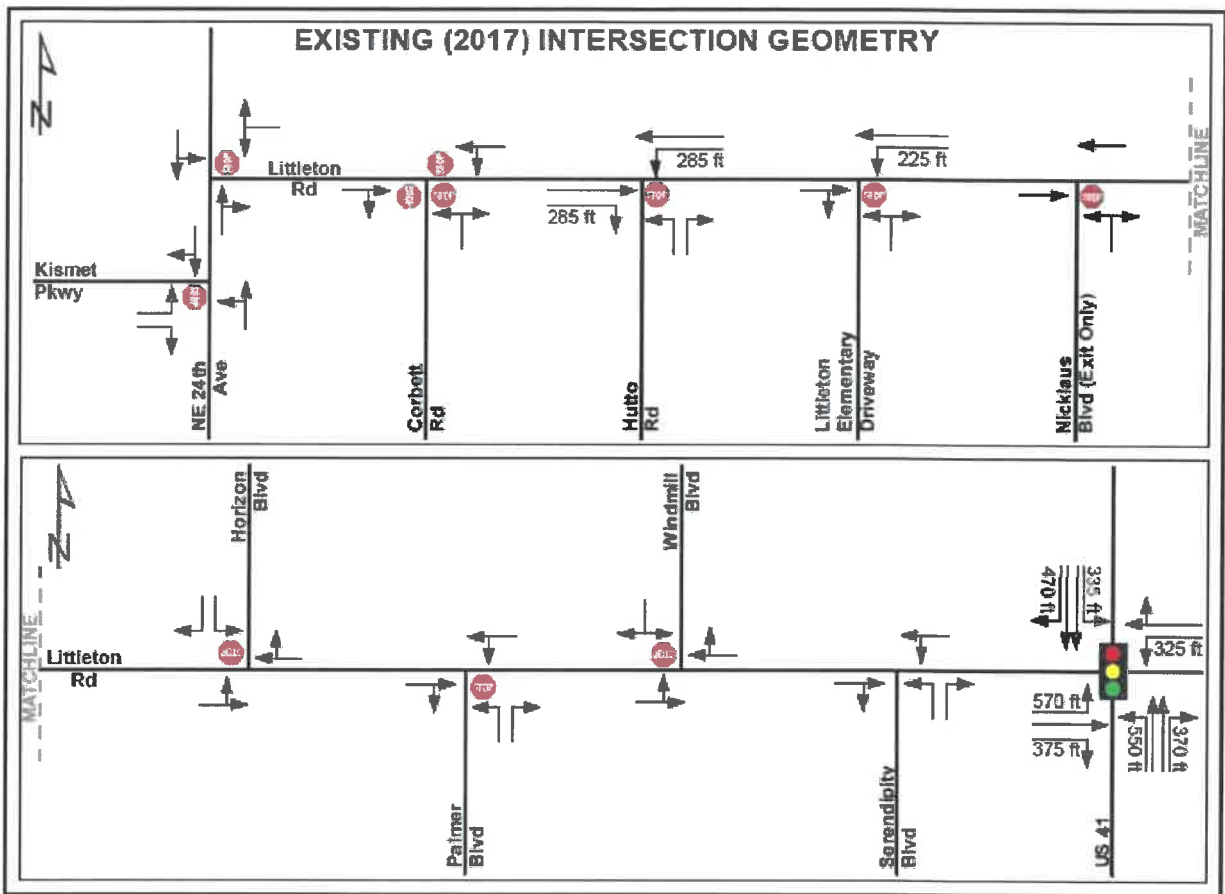


Figure 2-12 - Existing (2017) Intersection Geometry

2.10.2 Existing Year Traffic Volumes

Twenty-four hour bi-directional volume counts were conducted at seven locations on Littleton Road and Kismet Parkway for two consecutive days on Tuesday, April 18th, and Wednesday, April 19th, 2017. These locations included the following:

- Kismet Parkway west of NE 24th Avenue;
- Littleton Road east of NE 24th Avenue;
- Littleton Road east of Corbett Road;
- Littleton Road between Hutto Road and Horizon Boulevard;
- Littleton Road between Palmer Road and Windmill Boulevard;
- Littleton Road west of US 41; and
- Littleton Road east of US 41

Twenty-four hour bi-directional volume counts were also conducted north and/or south of Littleton Road on eight cross streets during this same two-day period. These cross streets included the following:

- NE 24th Avenue
- Corbett Road
- Nicklaus Boulevard
- Horizon Boulevard
- Palmer Boulevard
- Windmill Boulevard
- Serendipity Boulevard
- US 41

The bi-directional volume count data is provided in **Appendix A. Table 2-4** summarizes the traffic counts for each day, as well as the two-day average values. The 24-hour counts were subsequently converted to AADT volumes using monthly and weekday adjustment factors obtained from Lee County Permanent Count Stations. The adjustment factors associated with the Permanent Count Station (PCS) located on Pondella Road east of Betmar Road (PCS No. 34) were used for all locations except US 41. The 24-hour counts on Littleton Road and Kismet Parkway were also multiplied by an axle adjustment factor of 0.99. This axle adjustment factor was calculated based on data obtained from a two-day vehicle classification count conducted on Littleton Road west of Corbett Road. The vehicle classification count data and the axle adjustment factor calculations are also provided in **Appendix A**. This axle adjustment factor was also applied to the 24-hour traffic counts on NE 24th Avenue. The traffic counts conducted on US 41 north and south of Littleton Road were adjusted using the monthly and weekday factors associated with PCS No. 1 (US 41 north of North Key Drive), as well as the axle adjustment factor for US 41 obtained from the FDOT's 2016 Weekly Axle Factor Category Report. **Table 2-4** indicates that the 2017 AADT volumes for the study corridor range from 5,500 vehicles per day (vpd) just east of NE 24th Avenue to 8,200 vpd just west of US 41.

Eight-hour turning movement counts were conducted on Littleton Road and Kismet Parkway at the eight cross streets listed above, as well as at Hutto Road and the Littleton Elementary School driveway located to the east of Hutto Road. These turning movement counts were conducted on April 19, 2017 during the following time periods:

- 7:00 a.m. to 9:00 a.m.
- 12:00 p.m. to 3:00 p.m.
- 3:30 p.m. to 6:30 p.m.

Heavy vehicles (i.e., trucks and buses) were counted in addition to passenger vehicles. The peak hour turning movement count data is provided in **Appendix A**. A review of the turning movement count data indicated that the highest a.m. and p.m. hourly volumes generally occurred from 7:00 a.m. to 8:00 a.m. and from 4:30 p.m. to 5:30 p.m., respectively. Consequently, these time periods were used to represent the existing peak hours of the study corridor.

Table 2-4 – Existing Year (2017) AADT Volumes

2017 AADT Volumes - Littleton Road and Kismet Parkway Mainline								
Roadway	Location	Date	Volume	MF	DF	AF	AADT	AADT ⁽¹⁾
Kismet Pkwy	West of NE 24th Ave	4/18/2017	6,343	1.03	1.11	0.99	5,492	5,600
		4/19/2017	6,530	1.03	1.11	0.99	5,654	
		Two-day Avg.	6,437				5,573	
Littleton Rd	East of NE 24th Ave	4/18/2017	6,263	1.03	1.11	0.99	5,423	5,500
		4/19/2017	6,518	1.03	1.11	0.99	5,644	
		Two-day Avg.	6,391				5,534	
Littleton Rd	East of Corbett Rd	4/18/2017	7,320	1.03	1.11	0.99	6,338	6,400
		4/19/2017	7,565	1.03	1.11	0.99	6,551	
		Two-day Avg.	7,443				6,445	
Littleton Rd	Btwn Hutto Rd and Horizon Blvd	4/18/2017	7,357	1.03	1.11	0.99	6,371	6,400
		4/19/2017	7,533	1.03	1.11	0.99	6,523	
		Two-day Avg.	7,445				6,447	
Littleton Rd	Btwn Palmer Rd and Windmill Blvd	4/18/2017	8,316	1.03	1.11	0.99	7,201	7,300
		4/19/2017	8,594	1.03	1.11	0.99	7,442	
		Two-day Avg.	8,455				7,321	
Littleton Rd	West of US 41	4/18/2017	9,373	1.03	1.11	0.99	8,116	8,200
		4/19/2017	9,665	1.03	1.11	0.99	8,369	
		Two-day Avg.	9,519				8,243	
Littleton Rd	East of US 41	4/18/2017	8,674	1.03	1.11	0.99	7,511	7,500
		4/19/2017	8,752	1.03	1.11	0.99	7,578	
		Two-day Avg.	8,713				7,545	
2017 AADT Volumes - Littleton Road and Kismet Parkway Cross Streets								
Roadway	Location	Date	Volume	MF	DF	AF	AADT	AADT ⁽¹⁾
NE 24th Ave	South of Kismet Pkwy	4/18/2017	3,023	1.03	1.11	0.99	2,618	2,600
		4/19/2017	3,059	1.03	1.11	0.99	2,649	
		Two-day Avg.	3,041				2,633	
NE 24th Ave	Btwn Kismet Pkwy and Littleton Rd	4/18/2017	7,215	1.03	1.11	0.99	6,248	6,300
		4/19/2017	7,442	1.03	1.11	0.99	6,444	
		Two-day Avg.	7,329				6,346	
NE 24th Ave	North of Littleton Rd	4/18/2017	1,801	1.03	1.11	0.99	1,560	1,600
		4/19/2017	1,806	1.03	1.11	0.99	1,564	
		Two-day Avg.	1,804				1,562	
Corbett Rd	South of Littleton Rd	4/18/2017	1,417	1.03	1.11	1.00	1,239	1,250
		4/19/2017	1,449	1.03	1.11	1.00	1,267	
		Two-day Avg.	1,433				1,253	
Nicklaus Blvd	South of Littleton Rd	4/18/2017	251	1.03	1.11	1.00	220	200
		4/19/2017	223	1.03	1.11	1.00	195	
		Two-day Avg.	237				207	
Horizon Blvd	North of Littleton Rd	4/18/2017	1,715	1.03	1.11	1.00	1,500	1,500
		4/19/2017	1,692	1.03	1.11	1.00	1,480	
		Two-day Avg.	1,704				1,490	
Palmer Blvd	South of Littleton Rd	4/18/2017	1,262	1.03	1.11	1.00	1,104	1,100
		4/19/2017	1,296	1.03	1.11	1.00	1,134	
		Two-day Avg.	1,279				1,119	
Windmill Blvd	North of Littleton Rd	4/18/2017	949	1.03	1.11	1.00	830	850
		4/19/2017	968	1.03	1.11	1.00	847	
		Two-day Avg.	959				838	
Serendipity Blvd	South of Littleton Rd	4/18/2017	1,061	1.03	1.11	1.00	928	950
		4/19/2017	1,118	1.03	1.11	1.00	978	
		Two-day Avg.	1,090				953	
US 41	South of Littleton Rd	4/18/2017	27,742	1.02	1.09	0.95	23,705	23,400
		4/19/2017	27,621	1.02	1.11	0.95	23,176	
		Two-day Avg.	27,682				23,440	
US 41	North of Littleton Rd	4/18/2017	24,320	1.02	1.09	0.95	20,781	20,600
		4/19/2017	24,304	1.02	1.11	0.95	20,393	
		Two-day Avg.	24,312				20,587	

MF - Monthly Adjustment Factor
DF - Day of Week Adjustment Factor
AF - Axle Adjustment Factor
(1) Rounded

However, it should be noted that most of the entering and exiting volumes recorded between 1:45 p.m. and 2:45 p.m. at the Hutto Road intersection and the Littleton Elementary School driveway were higher than the volumes recorded between 4:30 p.m. and 5:30 p.m. The 1:45 p.m. to 2:45 p.m. time period represents the p.m. peak hour for the elementary school. The raw turning movement count data was adjusted using the monthly and weekday adjustment factors and the resulting 2017 a.m. and p.m. peak hour volumes are illustrated in **Figure 2-13** and **Figure 2-14**, respectively.

2.10.3 Existing Peak Hour Traffic Operations

Peak hour traffic analyses were conducted for the intersections and the roadway segments using the Highway Capacity Manual software (HCS) and the peak hour volumes depicted in **Figure 2-13** and **Figure 2-14**. Littleton Road was analyzed as a Class III two-lane undivided highway. According to the Highway Capacity Manual, Class III two-lane highways are highways serving moderately developed areas. On these roadways, local traffic often mixes with through traffic, and the density of unsignalized roadside access points is noticeably higher than in a rural area. Level of Service (LOS) for Class III highways is based on the Percentage of Free-Flow Speed (PFFS), which represents the ability of vehicles to travel at or near the posted speed limit.

The HCS analysis of two-lane highways requires the use of a base free-flow speed. In most circumstances, the base free-flow speed is the speed that would be expected to occur given the roadway's specific horizontal and vertical alignment if standard lane and shoulder widths were present. The design speed of the roadway is often used as an estimate of the base free-flow speed since it is based primarily on horizontal and vertical alignment. Since the existing design speed of Littleton Road is 45 mph, this speed was used as the base free-flow speed. The existing conditions roadway segment analyses were conducted using the following peak hour traffic characteristics:

Truck percentage – 6.0% (a.m. peak hour)/3.0% (p.m. peak hour)

Peak Hour Factor (PHF) – 0.86 (a.m. peak hour)/0.92 (p.m. peak hour)

The peak hour truck percentages are the average percentages that were calculated using the two-day vehicle classification count data obtained on Littleton Road west of Corbett Road. The PHF's are the average corridor PHF's and were calculated using the peak hour turning movement count data obtained at all of the study corridor intersections. These calculations are provided in **Appendix A. Table 2-4** summarizes the results of the two-lane undivided highway segment analysis. All of the roadway segments are operating at LOS C or better during both peak hours. In the a.m. peak hour, the PFFS ranges between 76.1% and 84.0%, while in the p.m. peak hour, the PFFS ranges between 78.2% and 88.0%.

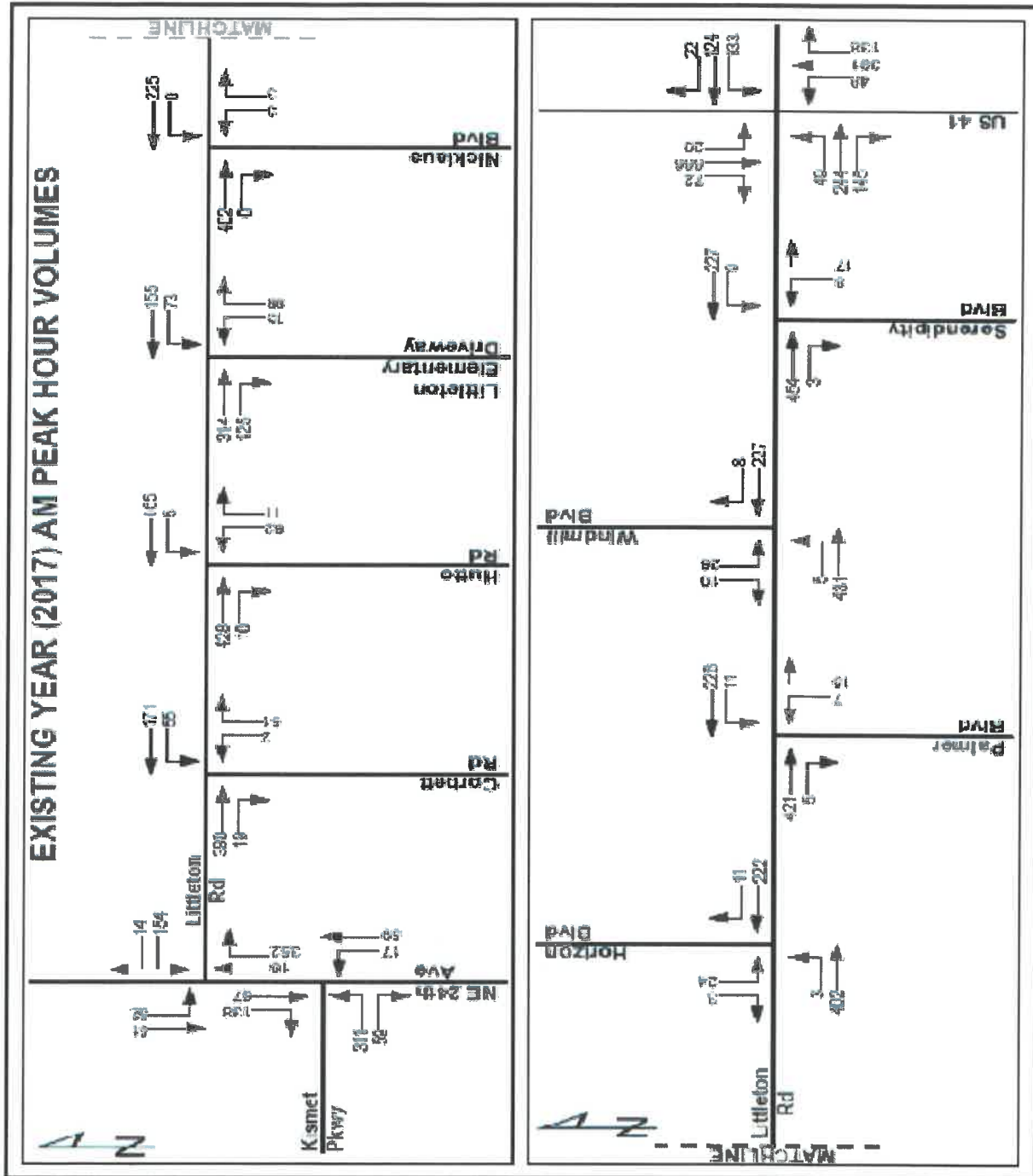


Figure 2-13 - Existing Year (2017) AM Peak Hour Volumes

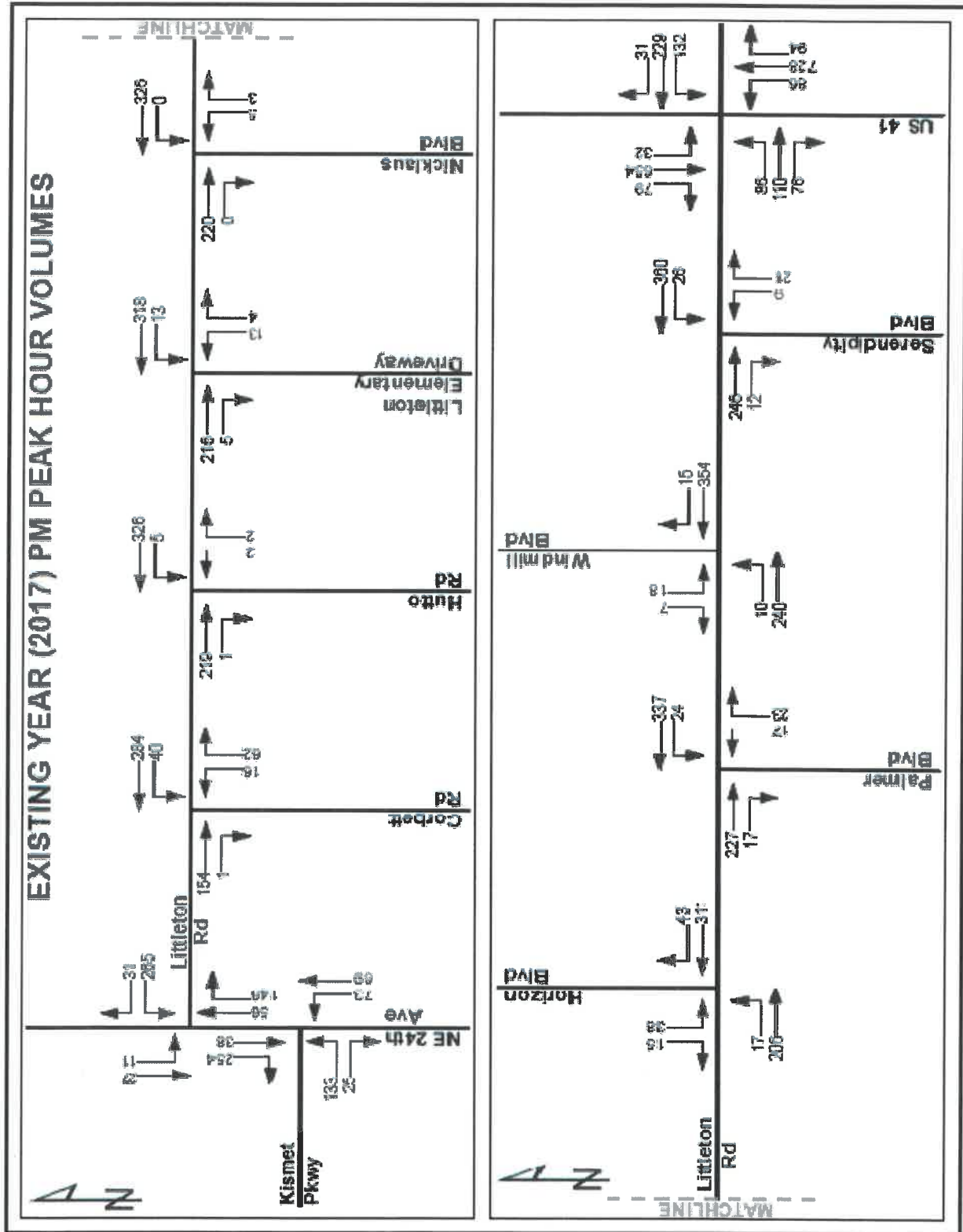


Figure 2-14 - Existing Year (2017) PM Peak Hour Volumes

Table 2-4 - Existing Conditions (2017) Peak Hour Roadway Segment Analysis Summary

Segment		AM Peak Hour					
From	To	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue	Corbett Road	573	402	0.53	64.1%	84.0%	B
Corbet Road	Hutto Road	662	435	0.53	74.0%	76.1%	C
Hutto Road	Elementary School Driveway	609	439	0.53	73.6%	76.3%	C
Elementary School Driveway	Nicklaus Boulevard	630	402	0.53	72.9%	76.9%	C
Nicklaus Boulevard	Horizon Boulevard	630	405	0.53	71.1%	79.4%	C
Horizon Boulevard	Palmer Boulevard	659	426	0.53	55.0%	82.8%	C
Palmer Boulevard	Windmill Boulevard	673	436	0.53	55.4%	82.5%	C
Windmill Boulevard	Serendipity Boulevard	692	457	0.53	56.8%	82.0%	C
Serendipity Boulevard	US 41	695	455	0.53	73.6%	76.2%	C

Segment		PM Peak Hour					
From	To	Two-Way Volume	Peak Dr. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue	Corbett Road	458	302	0.53	56.3%	88.0%	B
Corbet Road	Hutto Road	544	326	0.53	69.4%	79.2%	C
Hutto Road	Elementary School Driveway	551	331	0.53	69.9%	79.1%	C
Elementary School Driveway	Nicklaus Boulevard	551	331	0.53	69.9%	79.1%	C
Nicklaus Boulevard	Horizon Boulevard	549	326	0.53	66.3%	81.9%	C
Horizon Boulevard	Palmer Boulevard	598	354	0.53	48.2%	85.1%	B
Palmer Boulevard	Windmill Boulevard	611	361	0.53	48.7%	84.8%	B
Windmill Boulevard	Serendipity Boulevard	627	369	0.53	48.7%	84.5%	B
Serendipity Boulevard	US 41	660	390	0.53	70.7%	78.2%	C

V/C = Volume-to-Capacity Ratio
PTSF = Percent Time-Spent-Following
PFFS = Percent Free Flow Speed
LOS = Level of Service

The existing conditions intersection analyses were conducted using the peak hour truck percentages and overall intersection PHF's calculated based on the peak hour turning movement count data. The signalized intersection analyses conducted for the Littleton Road/US 41 intersection also incorporated existing signal timing data (i.e., minimum/maximum green times, yellow and all-red times, and total cycle lengths) obtained from Lee County DOT. **Table 2-5** summarizes the results of the intersection analysis. It should be noted that the p.m. peak hour analysis results for the Hutto Road intersection and the elementary school driveway are based on the analyses that were conducted using the volumes associated with the 1:45 p.m. to 2:45 p.m. time period. As stated previously, most of the entering and exiting volumes recorded between 1:45 p.m. and 2:45 p.m. at the Hutto Road intersection and the Littleton Elementary School driveway were higher than the volumes recorded between 4:30 p.m. and 5:30 p.m.

All of the left-turn movements made from Littleton Road at the unsignalized intersections are operating at LOS B or better during both peak hours. In addition, all of the stop controlled left-turn and right-turn movements made from the cross streets/driveways onto Littleton Road are operating at LOS C or better during both peak hours. Lastly, all of the movements at the Littleton Road/US 41 signalized intersection are operating at LOS E or better during both peak hours and a majority of the movements are operating at LOS D or better. In the a.m. peak hour, the average vehicle delays range between 16.3 seconds per vehicle (sec/veh) and 67.7 sec/veh. In the p.m. peak hour, the average vehicle delays range between 20.0 sec/veh and 70.4 sec/veh.

Table 2-5 - Existing Conditions (2017) Peak Hour Intersection Analysis Summary

Existing Conditions (2017) Peak Hour Intersection Analysis Summary								
Intersection	Approach	Movement	AM Peak Hour			PM Peak Hour		
			V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾
Kismet Parkway & NE 24th Avenue	Eastbound	LT	0.49	14.8	B	0.23	13.0	B
	Eastbound	RT	0.07	9.3	A	0.03	9.2	A
	Northbound	LT	0.01	7.8	A	0.06	8.0	A
Littleton Road & NE 24th Avenue	Westbound	LT/RT	0.34	14.5	B	0.37	11.8	B
	Southbound	LT	0.05	8.3	A	0.01	7.8	A
Littleton Road & Corbett Road (All-Way Stop)	Eastbound	TH/RT	0.58	13.2	B	0.21	8.7	A
	Westbound	LT/TH	0.35	10.1	B	0.43	10.6	B
	Northbound	LT/RT	0.09	8.5	A	0.11	8.3	A
Littleton Road & Hutto Road ⁽⁴⁾	Westbound	LT	0.01	9.5	A	0.00	8.2	A
	Northbound	LT	0.20	16.7	C	0.10	12.2	B
	Northbound	RT	0.03	12.1	B	0.01	10.9	B
Littleton Road & Elementary School Driveway ⁽⁴⁾	Westbound	LT	0.09	8.8	A	0.04	8.0	A
	Northbound	LT/RT	0.25	14.1	B	0.17	11.5	B
Littleton Road & Nicklaus Boulevard	Northbound	LT/RT	0.01	12.6	B	0.02	11.6	B
Littleton Road & Horizon Boulevard	Eastbound	LT	0.00	7.8	A	0.02	8.1	A
	Southbound	LT	0.08	16.7	C	0.10	15.1	C
	Southbound	RT	0.00	9.6	A	0.02	10.3	B
Littleton Road & Palmer Boulevard	Westbound	LT	0.01	8.4	A	0.02	7.8	A
	Northbound	LT	0.03	16.7	C	0.05	15.4	C
	Northbound	RT	0.03	11.3	B	0.03	9.7	A
Littleton Road & Windmill Boulevard	Eastbound	LT	0.00	7.8	A	0.01	8.1	A
	Southbound	LT/RT	0.11	15.6	C	0.07	14.2	B
Littleton Road & Serendipity Boulevard	Westbound	LT	0.01	8.5	A	0.02	7.8	A
	Northbound	LT	0.03	17.5	C	0.03	16.0	C
	Northbound	RT	0.04	11.8	B	0.03	9.8	A
Littleton Road & US 41 (Signalized)	Eastbound	LT	0.11	32.9	C	0.23	40.4	D
	Eastbound	TH	0.75	67.7	E	0.27	61.1	E
	Eastbound	RT	0.39	48.3	D	0.14	40.3	D
	Westbound	LT	0.36	36.3	D	0.27	39.5	D
	Westbound	TH/RT	0.46	57.1	E	0.65	70.4	E
	Northbound	LT	0.17	27.4	C	0.25	34.0	C
	Northbound	TH	0.32	33.9	C	0.56	45.4	D
	Northbound	RT	0.17	16.4	B	0.12	20.0	C
	Southbound	LT	0.05	26.1	C	0.13	41.8	D
	Southbound	TH	0.55	39.1	D	0.64	59.1	E
	Southbound	RT	0.09	16.3	B	0.12	28.9	C
Intersection			N/A	40.4	D	N/A	50.0	D

(1) Volume-to-Capacity Ratio

(2) Average Delay (Seconds/Vehicle)

(3) Level of Service

(4) The p.m. peak hour for this intersection was 1:45 p.m. to 2:45 p.m. due to the afternoon dismissal of Littleton Elementary School

2.11 Utilities

The utility companies listed in **Table 2-6** were contacted by e-mail on April 18, 2017, to identify the locations and types of utilities within the project limits. Plan sheets were mailed to the companies with a request to identify the location(s) of existing facilities and planned facilities. The existing utilities include overhead electric, overhead cable, buried communication lines, reclaimed water, and sanitary force mains, as described in **Table 2-6**. LCEC holds a utility easement along the north side of Littleton Road, as discussed in Section 2.2. The 40-foot easement on the north side of Littleton Road extends to their substation. From the substation to East Yellow Fever Creek, a 100-foot LCEC easement exists and a 60-foot easement extends from East Yellow Fever Creek to US 41. A 20-foot force main easement runs along the north side of Littleton Road from Hutto Road to US 41. Impacts to the LCEC easements will require providing compensatory right-of-way, which will result in residential impacts north of the easements.

Table 2-6 - Utility Companies

Utility Company		Buried/ Overhead	Description
LCEC	Distribution	Overhead	Multiple lines along the south side of Littleton Road from the beginning of the project to east of US 41. Crosses Littleton Road east of Janet Drive, west of East Branch Yellow Fever Creek, and west of US 41 headed north. Lines are located on the east side of Janet Drive and Hutto Road.
		Buried	Several laterals south of Littleton Road serving Windmill Village.
	Transmission	Overhead	Multiple lines along north side of Littleton Road from the beginning of the project to east of US 41.
Century Link		Buried	Along the north side of Littleton Road to 150' east of Janet Dr. Crosses Littleton Road at Janet Drive and runs along south side to US 41. Crosses and runs along the north side of Littleton Road at Horizon Blvd. and continues to East Yellow Fever Creek. Crosses Littleton Road at US 41 and continues north on the west side, and crosses US 41 along the north side of Littleton Road.
Comcast		Buried	South side of Littleton Road then crosses to north side at Janet Dr. and turns north at East Yellow Fever Creek. Second line begins at Hutto Road and continues along the south side of Littleton Road to east of US 41. Along the west side of US 41, the line runs north-south.
Fibernet Direct		Buried	Along the south side of Littleton Road from the beginning of the project to east of US 41.
Florida Government Utility Authority		Buried	Force main begins at Hutto Road and travels along the north side of Littleton Road to east of US 41. A force main lateral crosses Littleton Road west of the East Branch Yellow Fever Creek and runs south. A parallel reclaimed main crosses west of East Branch Yellow Fever Creek runs along the north side of Littleton Road to east of US 41. A force main lateral runs along the west side of US 41 and ties into the main.

2.12 Access Management

Littleton Road is an existing undivided roadway with multiple connections. **Table 2-7** summarizes the number of parcels and driveway connections.

Table 2-7 - Existing Cross Street and Driveway Connections

Segment	Side of Roadway	No. of Cross Streets	No. of Parcels	No. of Driveways
Littleton Road from Corbett Road to Hutto Road	North Side	0	3	3
	South Side	2	9	9
	Both Sides	2	12	12
Littleton Road from Hutto Road to East Branch Yellow Fever Creek	North Side	1	5	2
	South Side	2	2	2
	Both Sides	3	7	4
Littleton Road from East Branch Yellow Fever Creek to US 41	North Side	1	2	1
	South Side	1	3	2
	Both Sides	2	5	3

2.13 Structures

An existing triple 7.2-ft X 10-ft bridge culvert (124028) crosses Littleton Road at Yellow Fever Creek built in 1978 within the project limits. The 42-foot bridge culvert includes of guardrail on both sides of the roadway. This bridge culvert has a sufficiency rating of 97.2 as of July 19, 2017. An existing triple 5-ft X 9-ft box culvert crosses Littleton Road at East Yellow Fever Creek. Pedestrian railing is located on the north side of the box culvert.

Lee County completed a bridge inspection report on October 24, 2018. This report indicated two of the three cells require repairs due to scaling. These repairs will be completed by Lee County.

2.14 Contamination

Contamination evaluations were conducted for the study following the standard environmental assessment practices of reviewing records of regulatory agencies, site reconnaissance, and historical information review within the limits of the project. An Environmental Data Report (EDR) was obtained in May 2017 to identify sites within one-half mile of the project corridor containing documented or suspected petroleum contamination or other hazardous materials. Fifteen (15) sites were investigated for facilities or operations that may present the potential for finding petroleum contamination or hazardous materials. The table below identifies the Risk Rankings for the identified sites. **Table 2-8** identifies the Risk Ranking for the identified sites.

Table 2-8 - Risk Ranking for Potential Contamination Sites

Site	Name	Facility Address	Risk Ranking
5	Lee County ESA	9650 Littleton Rd	No
6	Dr. Carrie D. Robinson Littleton Elementary	700 Hutto Rd	No
7	Horizon Mobile Home Village	9200 Littleton Rd	No
8	Six Lakes Country Club	4066 Littleton Rd	No
9	Littleton Deli	8671 Littleton Rd	No
10	Manufacture Home Comm	16131 North Cleveland Ave	No
11	7-11 Food Store	15991 North Cleveland Ave	Medium
12	US-41 Watermain Transmission	Fort Myers	No
13	US-41 Landscape and Irrigation	Fort Myers	No
14/15	Walgreens #7465	16000 North Cleveland Ave/8460 Littleton Rd	No
16	Rocket Sign Products	8417 Littleton Rd	No
17/18	Professional Automotive Diagnostics	8403 Littleton Rd	No
19	Onsite Recycling	8330 Littleton Rd	No

SITE 5 – Ranking: NO – Lee County ESA – Littleton Road Site is registered as a solid waste facility. The site is a disaster debris management site. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 6 – Ranking: NO – Dr. Carrie D. Robinson Littleton Elementary School is registered in the Facility Registry Services (FRS). FRS is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. Facilities that register with this system do not necessarily indicate involvement with hazardous materials. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 7 – Ranking: NO – Horizon Mobile Home Village is registered tank facility. This site has a 550-gallon unleaded aboveground tank in service. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 8 – Ranking: NO – Six Lakes Country Club Inc., is registered with the RCRAI as a small quantity generator and has two registered aboveground tanks, a 500-gallon unleaded tank and a 300-gallon diesel tank. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 9 – Ranking: NO – Littleton Deli has a registered 1,500-gallon underground tank with unleaded gasoline in service since 1997. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 10 – Ranking: NO – Manufacture Home Comm – Windmill Village is listed in the Emergency Response Notification System. An incident response to a call in 1997 about an unknown material reaching the surface water. No further action was required. Based on the available information, there is no reason to believe there would be any involvement with contamination.

SITE 11 – Ranking: MEDIUM – 7-Eleven Food Store #32296 is an active fueling station with a previous registered Leaking Underground Storage Tank. A discharge was reported in 2006, in which cleanup was required. The site received an Approved Site Rehabilitation Completion Report in 2008. The site has four registered underground tanks containing unleaded gasoline. Based on the previous discharge and the active status of the gas station, this site has the potential for involvement with contamination. Further review of the facility's status may be required to determine the extent of involvement.

SITE 12 – Ranking: NO – US 41 Watermain Transmission Line is registered in the FRS. This site was a construction project, in which the construction contractor obtained a general stormwater permit. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 13 – Ranking: NO – US 41 Landscape & Irrigation is registered in the FRS. This site was a construction project, in which the construction contractor obtained a general stormwater permit. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 14/15 – Ranking: NO – Walgreens #7465 is registered with the FRS and RCRAI as a small quantity generator. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 16 – Ranking: NO – Rocket Sign Products Inc., is registered with the FRS and RCRAI. The facility is registered as a non-generator and non-transporter. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 17/18 – Ranking: NO – Professional Automotive Diagnostics Inc., is registered with the FDEP Hazardous Waste Compliance and Enforcement Tracking System as a historical entry. The site is also registered with the FRS and RCRAI. The facility is registered as a non-generator and non-transporter. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SITE 19 – Ranking: NO – Onsite Recycling is registered with the FRS and RCRAI as a small quantity generator. Based on all available information, there is no reason to believe there would be any involvement with contamination.

SECTION 3.0 PROJECT DESIGN CRITERIA

The design criteria for the proposed widening of Littleton Road from Corbett Road to US 41 will adhere to the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (2016 Edition), commonly known as the Florida Greenbook. **Table 3-1** lists the specific design criteria that were used to develop the typical sections, as well as the horizontal and vertical alignments of the proposed improvements. The design year for the proposed improvements is 2040.

Table 3-1 - Project Design Criteria

Design Element			Urban Criteria	Florida Greenbook 2016 Edition
Typical Section	Design Speed (mph)		45	Table 3-1
	Lane Widths (ft)		11	Table 3-10
	Bicycle Lane Widths (ft)		4	Figure 9-1
	Min. Median Width (ft)		15.5	Table 3-14
	Min. Width of Clear Zone (ft)		4	Table 3-15
Horizontal	Min. Stopping Sight Distance (ft)		360	Table 3-3
	Max. Superelevation (%)		5	Table 3-5
	Max. Degree of Curvature		8°15'	Table 3-5
	Min. Radius (e max = 0.05) (ft)		680	Table 3-5
Vertical	Max. Grade (Flat Terrain) (%)		8	Table 3-7
	Max. Change in Grade without Vertical Curve (%)		0.70	Table 3-8
	Crest Curve	K Value	61	Table 3-9
		Min. Length (ft)	135	Table 3-9
	Sag Curve	K Value	79	Table 3-9
		Min. Length (ft)	135	Table 3-9

SECTION 4.0 ALTERNATIVES ANALYSIS

The objective of the alternatives analysis process is to identify technically and environmentally sound alternatives that meet the needs of the project, are cost-effective, and are acceptable to the community. This section describes the alternatives considered and the results of the alternatives evaluation.

4.1 No-Build Alternative

The No-Build Alternative assumes that Littleton Road will remain in the existing condition through the design year 2040, with only routine maintenance being performed during this period.

The following are the advantages and limitations associated with the No-Build Alternative:

Advantages of the No-Build Alternative include:

- No additional right-of-way needed;
- No design, right-of-way, or construction costs;
- No delays to motorists or inconveniences to property owners during construction; and
- No construction impacts to the adjacent natural, physical, and social environment.

Limitations of the No-Build Alternative include:

- No pedestrian and bicycle facilities added;
- Increased potential for crashes to occur due to congested travel lanes and intersections;
- Increased traffic congestion and user costs associated with increased delays;
- Increased emergency vehicle response times; and
- Increased vehicle emission pollutants due to higher levels of traffic congestion.

The No-Build Alternative will remain a viable alternative throughout this study.

4.2 Alternative Evaluations

4.2.1 *Typical Section Analysis*

This project will tie into the designed Littleton/Kismet Realignment project on the east leg of the Corbett Road. A three-lane and a four-lane typical section alternative was evaluated from Corbett Road to US 41, as described in the following sections.

4.2.2 Three-lane Alternative

The proposed typical section shown in **Figure 4-1** includes two 11-foot travel lanes, a 12-foot center turn lane, and curb and gutter. Six-foot sidewalks and four-foot bicycle lanes will accommodate pedestrian and bicycle traffic. The existing right-of-way varies from 60-feet to 90-feet wide and widening to the north will require between 0-feet and 24-feet of right-of-way to accommodate the proposed improvements. The proposed typical section is illustrated in **Figure 4-1**. The proposed typical section includes constructing three new travel lanes, without saving the existing pavement. The proposed roadway will be widened to the north holding the existing southern right-of-way line. Existing structures are proposed to be extended to the north and to the south, where necessary, accommodate the roadway widening, sidewalk and to meet current roadside safety criteria. The design speed for this urban typical section is 45 mph.

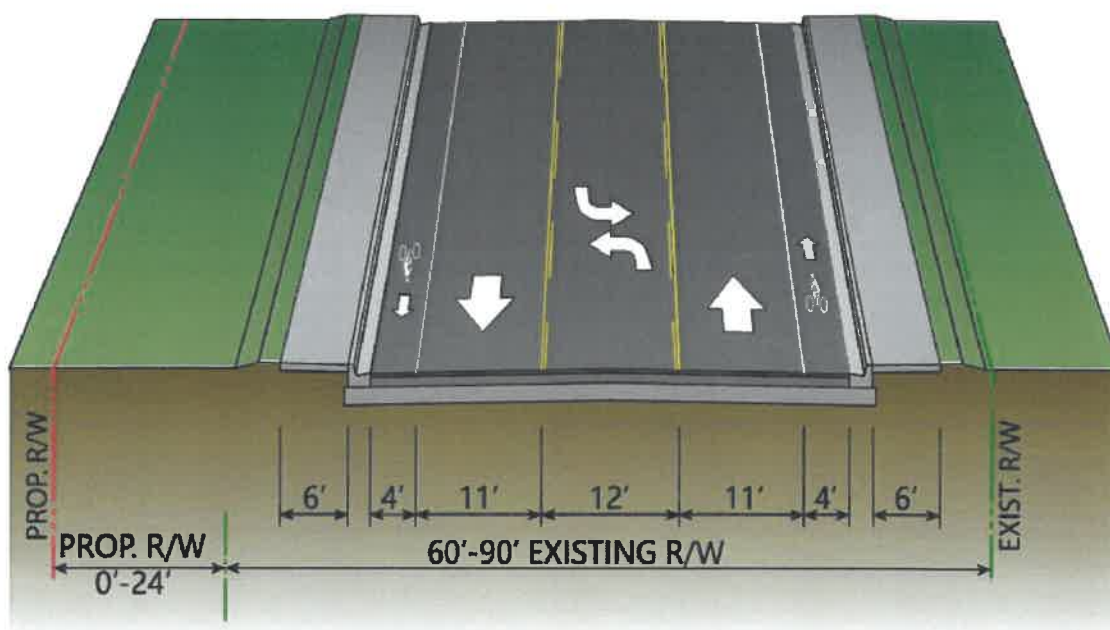


Figure 4-1 - Proposed Three-Lane Typical Section

4.2.3 Four-lane Alternative

The proposed typical section includes four 11-foot travel lanes, a 15.5-foot median, and curb and gutter. Six-foot sidewalks and four-foot bicycle lanes will accommodate pedestrian and bicycle traffic. A minimum right-of-way width of 92-feet is needed to accommodate the proposed improvements. The proposed typical section is illustrated in **Figure 4-2**. The proposed typical section includes constructing four new travel lanes, without saving the existing pavement. The design speed for the proposed roadway will be widened to the north holding the existing southern right-of-way line. Existing structures are proposed to be extended to the north and to the south,

where necessary, to accommodate the roadway widening, sidewalk and to meet current roadside safety criteria. The design speed for this urban typical section is 45 mph.

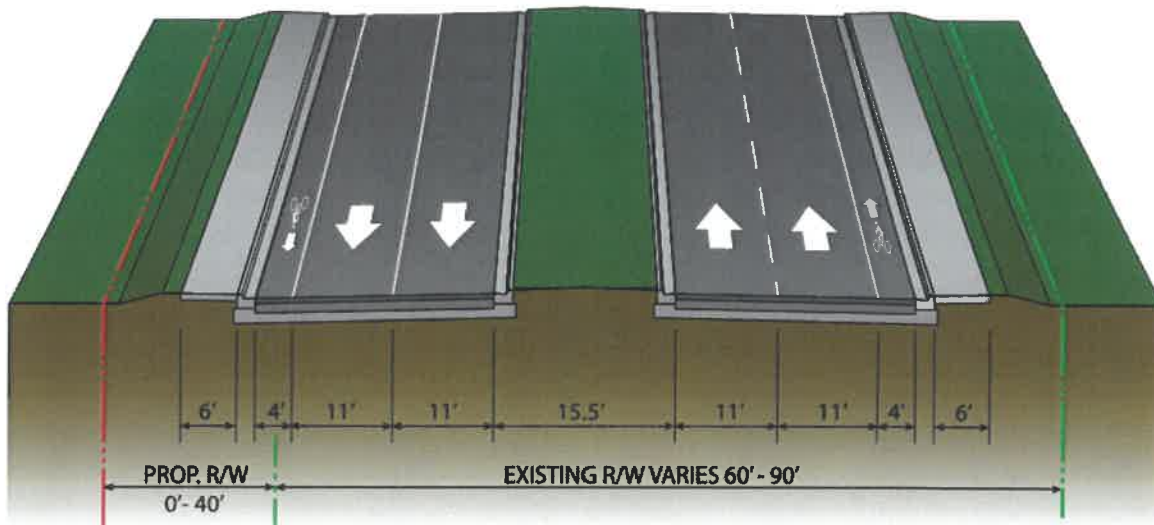


Figure 4-2 - Proposed Four-Lane Typical Section

4.2.4 Preliminary Evaluation Matrix

Each build alternative was evaluated based on environmental impacts, right-of-way needs, project costs and engineering factors. The evaluation matrix for the No-Build and two Build Alternatives is provided in **Table 4-1**.

The matrix quantifies considerations including potential business and residential relocations, impacts to environmental resources, and the acres of right-of-way needed for roadway improvements and stormwater facilities. The potential for the proposed realignment to impact surface waters, wetlands, threatened and endangered species, and contamination sites were also qualified in the matrix.

The bottom portion of the matrix provides cost estimates for design, wetland mitigation, construction, and construction engineering and inspection. The estimates were based on 2017 unit costs. The mitigation cost estimates are based on \$72,000 per credit price for herbaceous freshwater credits at the Little Pine Island Mitigation Bank. A preliminary functional assessment score of 0.8 was applied to account for diminished habitat quality and location scores.

The evaluation matrix shown in **Table 4-1** compares the Three-Lane and Four-Lane Alternatives. Lee County Department of County Lands estimated the right-of-way cost for both alternatives which is estimated land cost for budgetary and management purposes only.

Table 4-1 - Alternatives Evaluation Matrix

Evaluation Criteria	No-Build Alternative	Three-Lane Alternative	Four-Lane Alternative
Business Impacts			
Number of business relocations	0	0	0
Residential Impacts			
Number of residential relocations	0	0	36
Environmental Effects			
Surface Waters (acres)	0	0	0
Wetland (acres)	0	0.168	0.167
Potential threatened and endangered species involvement ¹	None	High	High
Potential contamination sites (medium/high)	None	(0/1)	(0/1)
Right-of-Way Needs			
Parcels Impacted	0	11	26
Right-of-way to be acquired for roadway improvements (acres)	0	0.45	3.32
Right-of-way to be acquired for stormwater facilities (acres)	0	3.00	3.00
Estimated Total Project Costs (2018 Cost)			
Design ²	\$0	\$1,486,583	\$1,986,143
Mitigation Cost	\$0	\$9,677	\$9,619
Total Right-of-Way Cost	\$0	\$900,000	\$14,850,000
Construction Cost for stormwater sites	\$0	\$70,857	\$70,857
Construction Cost for roadway ³	\$0	\$9,839,699	\$11,638,130
Total Construction Cost	\$0	\$9,910,556	\$11,708,987
Construction Engineering & Inspection ²	\$0	\$1,982,111	\$2,648,191
Preliminary Estimate of Total Project Cost (2018 Cost)	\$0	\$14,288,927	\$31,202,940

1. Build Alternatives require a protected species survey and consultation with the U.S. Fish and Wildlife Service and Florida Fish and Wildlife Conservation Commission during permitting. Preliminary site evaluations were conducted to determine the likelihood of protected species presence. Low = unlikely protected species are present, Medium = protected species habitat observed and species may be present, High = protected species habitat and species presence observed.
2. Design Cost is estimated as 15% of the Total Costs and Construction Engineering & Inspection is estimated as 20% of the Total Construction Cost.
3. Utility relocation costs have not been provided.

SECTION 5.0 PUBLIC INVOLVEMENT

5.1 Public Involvement Program

A public involvement program was implemented to inform and solicit local government and community interaction throughout the study. Newsletters were mailed to public officials, property owners, and interested persons to inform them of project information and provide the opportunity for involvement. The public workshop provided project information, allowed interested persons to ask the project team questions, and the opportunity to submit comments.

5.2 Public Meeting

The Lee County Department of Transportation held a public meeting on October 18, 2018 at the Northside Baptist Church Worship Center at 8250 Littleton Road, North Fort Myers, Florida for the Littleton Road from Corbett Road to US 41 Widening Study. A total of 92 attendees signed in at the registration table. Members of the public were provided a meeting handout and comment form upon arrival. Displays of the improvement concepts were available for review and project representatives answered questions and discussed the project.

5.3 Public Comments

Members of the public were provided comment forms at the meeting in order to have their opinion recorded as public record. The public was also able to submit their comments or mail them in until November 1, 2018 to the email address and mailing address provided on the comment forms. There were a total of 17 written comment forms received from the meeting. Below is a summary of the written comments received.

- No changes and allow drivers to continue to access the existing roads (Kismet, Diplomat, Hancock Bridge)
- Turn lanes are needed
- Add sidewalks on both sides of road, especially along Horizon Village and Serendipity
- No new medians west of Hutto Road
- Stop dump trucks on Littleton Road
- Concern over increase of traffic volume
- Has a sound barrier been considered for residents along Littleton Road and for those in the Horizon Village?
- How will this be paid for? Will taxes increase?
- Will the drainage be affected?
- The west gate of Six Lakes is exit only and should allow a left turn to proceed west
- Request for school speed zone limit signs on Littleton Road

SECTION 6.0 RECOMMENDED ALTERNATIVE

6.1 Selection of Recommended Alternative

Based on the alternatives evaluation described in **Section 4.0** and a follow-up meeting, Lee County agreed to recommend the Three-Lane Alternative as the Recommended Alternative. The Recommended Alternative is illustrated on the concept plan contained in **Appendix B**.

6.2 Typical Section

The proposed typical section includes two 11-foot travel lanes, one 12-foot bi-directional lane, and curb and gutter. Six-foot sidewalks and four-foot bicycle lanes will accommodate pedestrian and bicycle traffic. The existing right-of way is between 60-feet and 90-feet wide and widening to the north will require between 0-feet and 24-feet of right-of-way to accommodate the proposed improvements. Lee County Electric Company easements with transmission lines is located north of the existing right-of-way. The proposed typical section is illustrated in **Figure 6-1**. The design speed for this project is 45 mph.

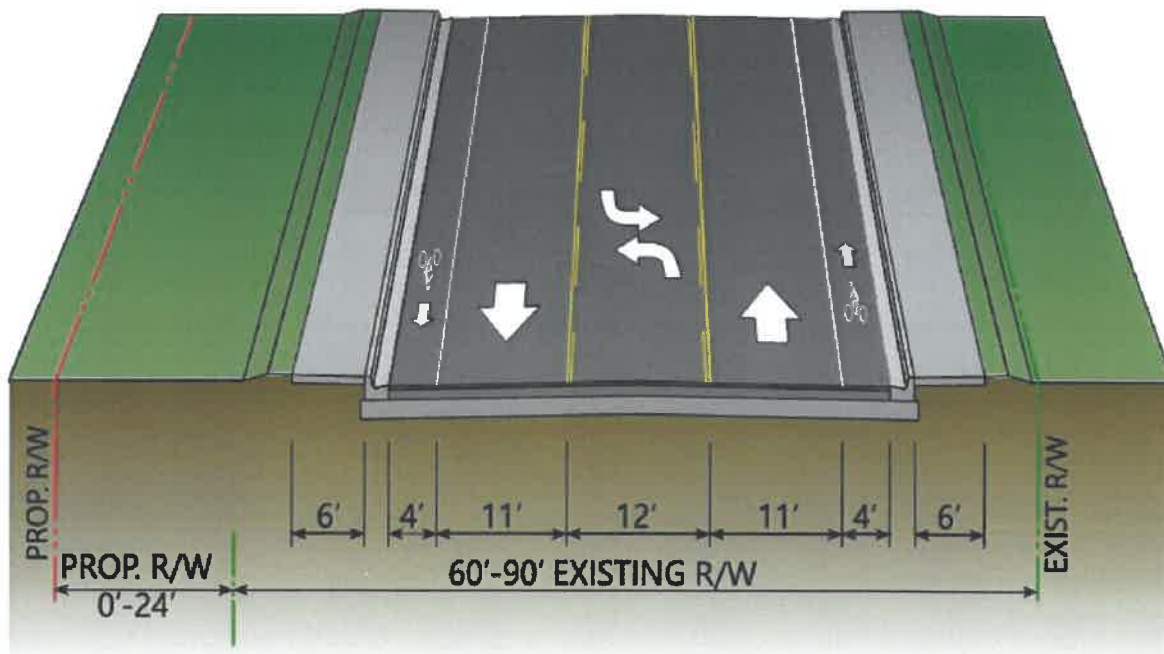


Figure 6-1 Recommended Typical Section

6.3 Design Year Traffic Volumes

6.3.1 Design Year Traffic Volumes

The 2040 AADT volumes were obtained by multiplying the 2040 Peak Season Weekday Average Daily Traffic (PSWADT) volumes by a Model Output Conversion Factor (MOCF) obtained from the FDOT's Peak Season Factor Category Report. An MOCF value of 0.95 was used for Littleton Road and a MOCF value of 0.91 was used for US 41. The 2040 PSWADT volumes were obtained from the Florida Department of Transportation District One Regional Planning Model. **Table 6-1** summarizes the 2040 AADT volumes.

Table 6-1 Future Year AADT Volumes

Roadway	Location	2017 AADT	2040 Model PSWADT	2040 Model AADT ⁽¹⁾	2040 Model AADT ⁽²⁾
Littleton Rd	East of Corbett Rd	6,400	20,362	19,344	19,300
Littleton Rd	West of US 41	8,200	24,145	22,938	22,900
Littleton Rd	East of US 41	7,500	22,841	21,699	21,700
US 41	South of Littleton Road	23,400	41,545	37,806	37,800
US 41	North of Littleton Road	20,600	37,533	34,155	34,200

(1) 2040 AADT volume = 2040 PSWADT volume x MOCF

(2) Rounded to the nearest 100 vehicles.

Figure 6-2 and **Figure 6-3** illustrates the design year (2040) a.m. and p.m. peak hour volumes. The methodology used to derive these peak hour volumes is documented in the Existing (2017) and Design Year (2040) Traffic Volumes Memorandum (October 2018).

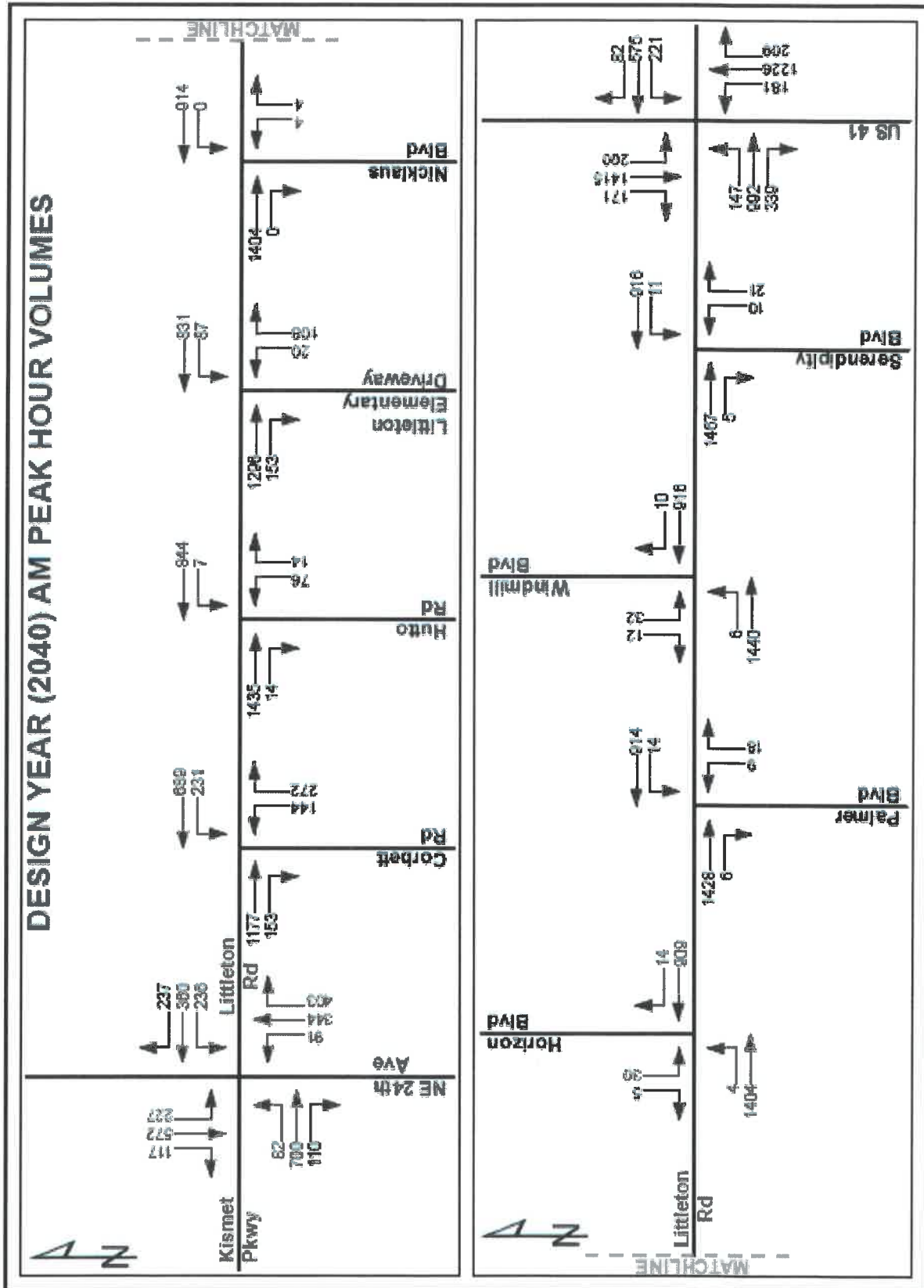


Figure 6-2 - Design Year (2040) AM Peak Hour Volumes

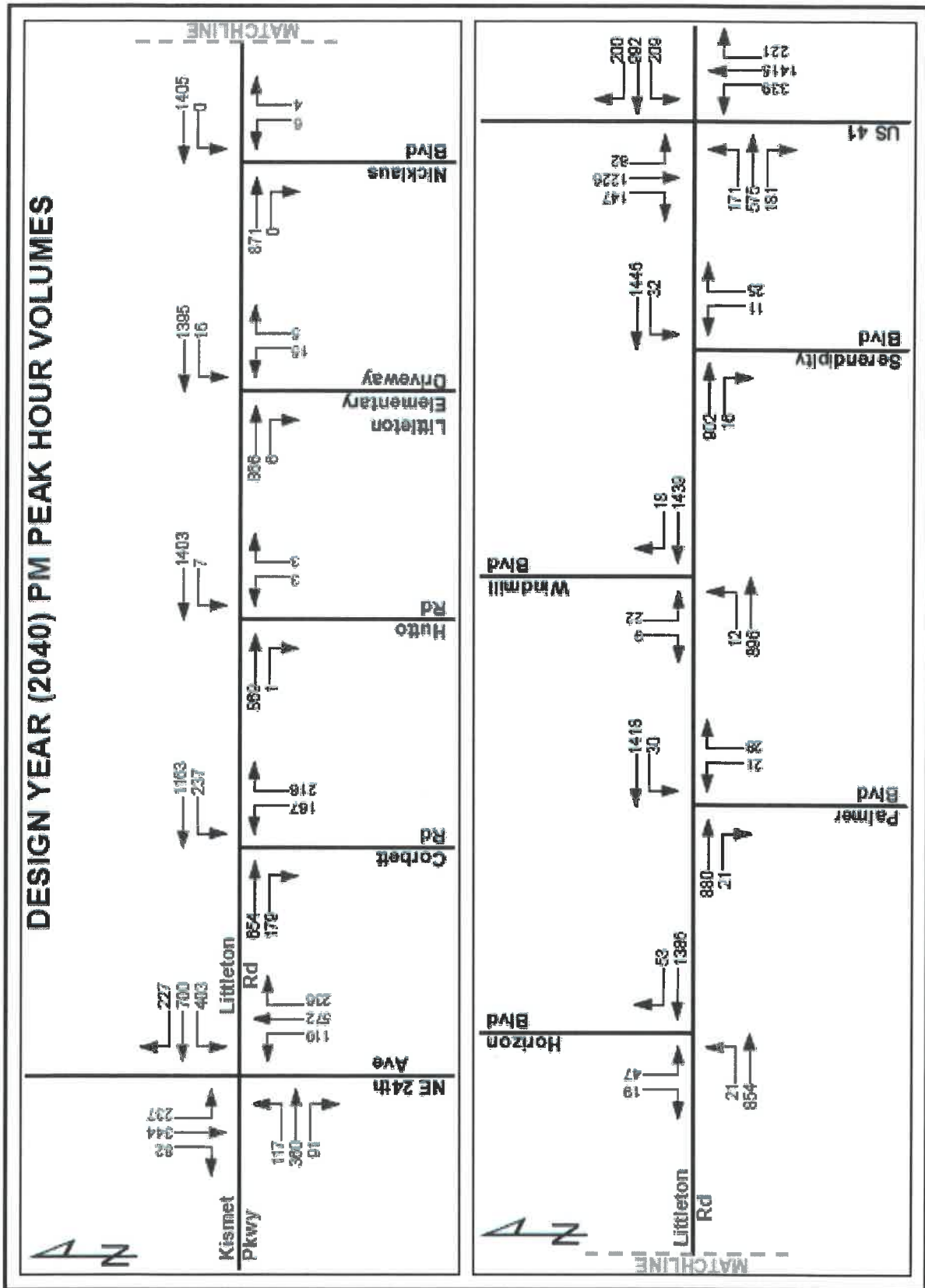


Figure 6-3 - Design Year (2040) PM Peak Hour Volumes

6.3.1.1 Design Year Level of Service and Intersection Geometrics

Table 6-2 summarizes the results of the design year (2040) peak hour signalized intersection analyses conducted at Littleton Road and US 41. This intersection is projected to operate at LOS E overall during the a.m. and p.m. peak hours.

Table 6-2 Design Year (2040) Peak Hour Signalized Intersection Analysis Summary

Intersection	Approach	AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS
Littleton Road and US 41	EB	68.9	E	61.7	E
	WB	62.3	E	85.1	F
	NB	67.6	E	64.6	E
	SB	64.3	E	79.7	E
	Overall	66.1	E	72.9	E

Delay = Average Stopped Delay (in seconds per vehicle)

LOS = Level of Service

6.4 Design Variations and Exceptions

No design variations or exceptions were identified or are anticipated as part of these improvements. The Lee County Land Development Code identifies a 100-foot right-of-way width for a Major or Minor Collector. It also identifies a five-foot on-road bicycle facility and a planting area or utility strip between the curb and gutter and sidewalk. To minimize the proposed right-of-way width, a four-foot bicycle lane and no utility strip was selected for this typical section. The design criteria for this project is located in **Section 3.0**. The criteria follows the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (2016 Edition), commonly known as the Florida Greenbook.

6.5 Right-of-Way Needs and Relocations

The Recommended Alternative requires approximately 72-feet of right-of-way for the Three-Lane Alternative for the Littleton Road widening. The Recommended Alternative is estimated to require 0.45 acres of proposed right-of-way from eleven parcels. The proposed right-of-way needs are approximately 3.00 acres for the stormwater management facility. The proposed improvements will not result in any business or residential relocations.

6.6 Structures

The recommended alternative requires the existing bridge culvert (124028) over Yellow Fever Creek to be extended by 37-feet to the north and 17-feet to the south. The bridge culvert will require guardrail and pedestrian railing due to the drop-off hazard.

The recommended alternative will not require the extension of the triple 9'X5' bridge culvert. The alternative will require pedestrian railing due to the drop-off hazard.

6.7 Access Management

The proposed realignment includes six full median openings, and closes one existing full median opening on Janet Drive. **Table 6-3** lists the median opening types and locations for the proposed improvements within the study area.

Table 6-3 Proposed Access Management

Intersection with Kismet Pkwy/Realigned Littleton Rd	Type of Median Opening	Distance (feet)
Littleton Road/Janet Drive	Close Existing Full Median Opening	800
Littleton Road/Hutto Road	Full Median Opening	770
Littleton Road/Nicklaus Boulevard	Restricted Opening	720
Littleton Road/Horizon Boulevard	Full Median Opening	380
Littleton Road/Palmer Boulevard	Full Median Opening	1,750
Littleton Road/Windmill Boulevard	Full Median Opening	210
Littleton Road/Serendipity Boulevard	Full Median Opening	1070
Littleton Road/US 41	Full Median Opening	

The proposed median openings (and existing median opening closure) are shown in **Appendix B**. Comments received at the public meeting identified concerns with no median openings between Corbett Road and Hutto Road. The Recommended Alternative does not require any modifications to the existing driveways along the existing Littleton Road.

6.8 Utility Impacts

The utility companies listed in **Table 6-4** were contacted by e-mail on April 18, 2017, to identify the locations and types of utilities within the project limits. Plan sheets were mailed to the companies with a request to identify the location(s) of existing facilities and planned facilities. The existing utilities include overhead electric, overhead cable, buried communication lines, reclaimed water, and sanitary force mains, as described in **Table 6-4**.

LCEC holds a utility easement along the north side of Littleton Road, as discussed in Section 2.2. The 40-foot easement on the north side of Littleton Road extends to their substation. From the substation to East Yellow Fever Creek, a 100-foot LCEC easement exists and a 60-foot easement extends from East Yellow Fever Creek to US 41. A 20-foot force main easement runs along the north side of Littleton Road from Hutto Road to US 41.

Table 6-4 - Utility Companies

Utility Company		Buried/ Overhead	Description
LCEC	Distribution	Overhead	Multiple lines along the south side of Littleton Road from the beginning of the project to east of US 41. Crosses Littleton Road east of Janet Drive, west of East Branch Yellow Fever Creek, and west of US 41 headed north. Lines are located on the east side of Janet Drive and Hutto Road.
		Buried	Several laterals south of Littleton Road serving Windmill Village.
	Transmission	Overhead	Multiple lines along north side of Littleton Road from the beginning of the project to east of US 41.
Century Link		Buried	Along the north side of Littleton Road to 150' east of Janet Dr. Crosses Littleton Road at Janet Drive and runs along south side to US 41. Crosses and runs along the north side of Littleton Road at Horizon Blvd. and continues to East Yellow Fever Creek. Crosses Littleton Road at US 41 and continues north on the west side, and crosses US 41 along the north side of Littleton Road.
Comcast		Buried	South side of Littleton Road then crosses to north side at Janet Dr. and turns north at East Yellow Fever Creek. Second line begins at Hutto Road and continues along the south side of Littleton Road to east of US 41. Along the west side of US 41, the line runs north-south.
Fibernet Direct		Buried	Along the south side of Littleton Road from the beginning of the project to east of US 41.
Florida Government Utility Authority		Buried	Force main begins at Hutto Road and travels along the north side of Littleton Road to east of US 41. A force main lateral crosses Littleton Road west of the East Branch Yellow Fever Creek and runs south. A parallel reclaimed main crosses west of East Branch Yellow Fever Creek runs along the north side of Littleton Road to east of US 41. A force main lateral runs along the west side of US 41 and ties into the main.

Widening Littleton Road will require relocations of some existing utilities within the existing and proposed right-of-way. The LCEC poles were avoided with the recommended alternative; however, there will be impacts to guy wires. Coordination with potentially affected utility owners will continue as necessary throughout the future design and construction phases. Project design efforts will seek to avoid and minimize impacts to existing utilities to the extent feasible within the roadway right-of-way.

6.9 Bicycle and Pedestrian Accommodations

The proposed typical section provides six-foot sidewalks and four-foot bicycle lanes on both sides of the roadway. The proposed sidewalks and bicycle lanes will be designed and constructed to comply with the Americans with Disabilities Act (ADA) of 1990, as amended. The sidewalks will meet ADA requirements for access, width, and grade.

6.10 Preliminary Drainage Analysis

Stormwater runoff from the realignment improvements will be collected and conveyed to stormwater management facilities by curb and gutter. The stormwater management facility will provide water quality (treatment) and water quantity (attenuation). The method of stormwater treatment for this project includes wet detention due to the high Seasonal High Water Table.

The pond sizes were estimated using SFWMD water quality treatment and attenuation requirements. Potential stormwater management facility needs are approximately 3.00 acres. Analysis of the stormwater facility is estimated from varying factors including depth to the seasonal high groundwater table, elevations of the roadway with respect to the pond site, and anticipated hydraulic losses.

The proposed stormwater facility design will include water quantity requirements as required by the SFWMD. Compensatory water quality treatment is designed to be incorporated in the Littleton/Kismet Realignment project. An Environmental Resource Permit application has been submitted and is currently under review for Segment A. The facility will be designed to meet Lee County water quality and quantity requirements, and best management practices will be utilized during construction. An outfall location at East Yellow Fever Creek requires limiting the post-developed discharge rate to the pre-developed discharge rate. Therefore, the Recommended Alternative is expected to have no significant impact on water quality and quantity.

6.11 Horizontal Geometry

The Recommended Alternative begins at the east quadrant of the Littleton Road and Corbett Road roundabout and transitions from a four-lane typical section to a three-lane typical section east of Yellow Fever Creek. The radii associated with the horizontal curve leaving the roundabout at Corbett Road is approximately 350-feet. A 0°45'00" deflection is located just west of East Yellow Fever Creek to Windmill Boulevard. The project does not require superelevation for a design speed of 45 mph.

6.12 Cost Estimates

The project costs estimated for the Recommended Alternative are summarized in **Table 6-5**. Construction costs were estimated using an Engineering Estimate and this is provided in **Appendix D**.

Table 6-5 Project Cost Estimate

Project Phases	Preferred Alternative
Design ¹	\$1,487,000
Mitigation Cost	\$10,000
Total right-of-way cost	\$900,000
Total construction cost	\$9,911,000
Construction Engineering & Inspection ¹	\$1,982,000
Preliminary Estimate of Total Project Cost	\$14,289,000

1. Design Cost is estimated as 15% of the Total Costs and Construction Engineering & Inspection is estimated as 20% of the Total Construction Cost.
2. Utility relocation costs have not been provided.

6.13 Environmental Impacts

6.13.1 Natural Resources

6.13.1.1 Wetlands

South Florida Water Management District (SFWMD) and U.S. Army Corps of Engineers (Corps) Jurisdictional wetlands and surface waters within the preferred alignment are limited to approximately 0.168 acres of the natural creek bed of Yellow Fever Creek on the north and south sides of Littleton Road, just east of the Corbett Road intersection, and approximately 0.878 acres of roadside ditches and channelized drainage canal on the north and south sides of Littleton Road. The proposed wetland impacts are located within the Tidal Caloosahatchee Drainage Basin. Because no known permitted off-site mitigation credits are available within the basin, and due to the small area of impact, mitigation would be most appropriately provided through the purchase of an estimated 0.13 (0.168 acreage of impact X 0.8 estimated functional assessment score) herbaceous freshwater credits at the Little Pine Island Mitigation Bank (LPIMB). Off-site mitigation would be most appropriately provided at the LPIMB because the proposed impacts are located within the Bank's Service Area and are associated with a linear project.

Mitigation proposed outside of the drainage basin may require a Cumulative Impact Assessment that demonstrates the loss of wetlands will not result in an unacceptable cumulative loss of wetland function within the Tidal Caloosahatchee Basin. Due to the minor wetland impact proposed, it is anticipated the SFWMD will concur that an unacceptable cumulative impact will not occur. However, should the SFWMD require a portion of the mitigation within the same basin, onsite mitigation could potentially be provided through native planting enhancements within the creek.

not occur. However, should the SFWMD require a portion of the mitigation within the same basin, onsite mitigation could potentially be provided through native planting enhancements within the creek.

6.13.1.2 Protected Species and Habitat

Preliminary site investigations of the study area were conducted during the morning and afternoon hours of October 5, 2018. The purpose of the survey was to identify and document the presence of listed species and their habitat that are regulated by the U.S. Fish and Wildlife Service (FWS) and Florida Fish and Wildlife Conservation Commission (FWC). No nests, dens, burrows, tracks or signs indicative of protected species use of the project area were identified during the preliminary investigations except for the state listed gopher tortoise and foraging wading birds including the state listed green heron within the creek and a little blue heron within the canal. No signs of nesting by wading birds or marsh birds were observed during the field survey. A total of six potentially occupied gopher tortoise burrows were observed within the pond site along with one foraging gopher tortoise.

The proposed project is located within the consultation areas and contains suitable habitat for the federally threatened eastern indigo snake, wood stork and endangered Florida bonneted bat. The project area additionally contains habitat suitable for the state threatened burrowing owl and various wading birds. Comprehensive protected species surveys for these species and consultation with the FWS and FWC will be required at the time of permitting.

Based on the preliminary site investigations, it is anticipated the project area does not include roosting habitat or a significant acreage of foraging habitat for the bonneted bat. Upon completion and review of the detailed species survey findings, it is anticipated the FWS will determine that the project may affect but is not likely to adversely affect the Florida bonneted bat. It is also anticipated the FWS will make the same determinations for the eastern indigo snake with the applicant's commitment to adhere to the Service's Standard Protection Measures for the Eastern Indigo Snake, and for the wood stork given the minor wetland impacts proposed. The proposed project will impact 1.046 acres of potential foraging habitat for wading birds, however the addition of detention areas required for the roadway widening will replace the lost habitat. Impacts to these foraging and transitory species are therefore not anticipated to occur.

Permitting with the FWC will be required for impacts within 25 feet of potentially occupied gopher tortoise burrows. A relocation permit will need to be obtained prior to the initiation of construction to excavate gopher tortoises and relocate them to an approved on-site or off-site location. Should burrowing owls be observed during the comprehensive protected species surveys, a Migratory Bird Nest Removal / Incidental Take permit would need to be obtained to excavate burrowing owl burrows outside of the nesting season (generally February 15 – July 10). Impacts to burrowing owls also requires conservation measures that typically include replacement starter burrows within the project limits post construction and mitigation donations to a non-profit agency specializing in conservation for burrowing owls.

6.13.2 Physical Resources

6.13.2.1 Contamination

Contamination evaluations were conducted for the study following standard environmental assessment practices of reviewing records of regulatory agencies, site reconnaissance, and historical information review within the limits of the project. An Environmental Data Report (EDR) was obtained in May 2017 to identify sites within one-half mile of the project corridor containing documented or suspected petroleum contamination or other hazardous materials.

Fifteen (15) sites were investigated for facilities or operations that may present the potential for finding petroleum contamination or hazardous materials, and therefore may impact the proposed improvements for this project. **Table 6-6** identifies the Risk Ranking for the identified sites.

Table 6-6 Risk Ranking for Potential Contamination Sites

Site	Name	Facility Address	Risk Ranking
5	Lee County ESA	9650 Littleton Rd	No
6	Dr. Carrie D. Robinson Littleton Elementary	700 Hutto Rd	No
7	Horizon Mobile Home Village	9200 Littleton Rd	No
8	Six Lakes Country Club	4066 Littleton Rd	No
9	Littleton Deli	8671 Littleton Rd	No
10	Manufacture Home Comm	16131 North Cleveland Ave	No
11	7-11 Food Store	15991 North Cleveland Ave	Medium
12	US-41 Watermain Transmission	Fort Myers	No
13	US-41 Landscape and Irrigation	Fort Myers	No
14/15	Walgreens #7465	16000 North Cleveland Ave/8460 Littleton Rd	No
16	Rocket Sign Products	8417-B Littleton Rd	No
17/18	Professional Automotive Diagnostics	8403 Littleton Rd	No
19	Onsite Recycling	8330 Littleton Rd	No

SECTION 7.0 CONCLUSION AND RECOMMENDATION

7.1 Conclusion

The purpose of this study is to evaluate engineering and environmental data and document information that will aid Lee County in determining the type, preliminary design and location of the proposed improvements. This transportation improvement project is to reduce congestion due to projected future year level of service deficiencies, provide for safe travel conditions, decrease emergency response times, and add bicycle and pedestrian facilities. The proposed widening of Littleton Road is anticipated to improve traffic operations in the area. Littleton Road is in the 2040 Lee County Long Range Transportation Plan to be widened to four lanes. Littleton Road needs to be widened to improve system continuity, safety, and better accommodate future year traffic volumes.

7.2 Recommendation

Based on comments received from the public and evaluations of engineering and environmental factors, the Three-Lane Alternative will meet the needs of the Lee County. The recommended typical section consists of two 11-foot travel lanes, one 12-foot bi-directional lane, and curb and gutter. Six-foot sidewalks and four-foot bicycle lanes will accommodate pedestrian and bicycle traffic along the corridor. A minimum right-of-way width of 92-feet is needed to accommodate the proposed improvements.

APPENDIX A

Traffic Documentation



TRAFFIC TECHNICAL MEMORANDUM

Littleton Road from NE 24th Avenue to US 41 Realignment/Widening Study Lee County, Florida

Contract Number: CN160459DLK

October 2018

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1.0 INTRODUCTION/PURPOSE OF PROJECT

Lee County is conducting a study to evaluate the costs and impacts of improving Littleton Road from NE 24th Avenue to US 41, a distance of approximately 1.5 miles. The improvements that are being evaluated include providing additional capacity on Littleton Road throughout the study corridor, as well as realigning the portion of Littleton Road between NE 24th Avenue and Corbett Road (and providing a four-legged intersection with Kismet Parkway at NE 24th Avenue). The purpose of this Traffic Technical Memorandum is to document the existing traffic conditions (i.e., traffic volumes, traffic operations and crash history), the methodologies that were used to estimate the future year traffic volumes, the results of the future year traffic operations analysis, and the preliminary geometric requirements that are needed to accommodate the design year traffic volumes throughout the study corridor.

2.0 EXISTING CONDITIONS

2.1 Existing Roadway and Intersection Characteristics

Littleton Road is a two-lane undivided east/west urban minor arterial roadway that extends from NE 24th Avenue to US Business 41, a distance of approximately 2.2 miles. Kismet Parkway is a four-lane divided east/west urban minor arterial roadway that extends from El Dorado Boulevard to NE 24th Avenue, a distance of approximately 7.1 miles. Littleton Road and Kismet Parkway intersect NE 24th Avenue at two different locations that are separated by a distance of approximately 200 feet. The study limits for this Traffic Technical Memorandum extend from NE 24th Avenue to US 41.

The study corridor includes the eleven (11) intersections listed below:

- Kismet Parkway/NE 24th Avenue
- Littleton Road/NE 24th Avenue
- Littleton Road/Corbett Road
- Littleton Road/Hutto Road
- Littleton Road/Littleton Elementary School Driveway
- Littleton Road/Nicklaus Boulevard
- Littleton Road/Horizon Boulevard
- Littleton Road/Palmer Boulevard
- Littleton Road/Windmill Boulevard
- Littleton Road/Serendipity Boulevard
- Littleton Road/US 41

Ten of these intersections are unsignalized T-intersections. All of the intersections on Littleton Road from Hutto Road to Serendipity Boulevard are subject to stop control on the cross streets/driveways. The Kismet Parkway and Littleton Road intersections at NE 24th Avenue are controlled by stop signs that are located on Littleton Road and Kismet Parkway. The Littleton Road/Corbett Road intersection is an all-way stop controlled intersection. A “four-legged” signalized intersection is located at the Littleton Road/US 41 intersection. Exclusive turn lanes are provided on Littleton Road at the following intersections:

- Hutto Road (westbound left-turn and eastbound right-turn lanes)
- Littleton Elementary School Driveway (westbound left-turn lane)
- US 41 (eastbound left-turn and right-turn lanes)

Exclusive eastbound left-turn and right-turn lanes are provided on Kismet Parkway at the NE 24th Avenue T-intersection. **Figure 2-1** depicts the existing intersection laneage throughout the Kismet Parkway/Littleton Road study corridor, as well as the lengths of the full-width left turn and right turn lanes.

The study corridor has a posted speed limit of 40 miles per hour (mph). Passing is prohibited on Littleton Road between Corbett Road and Nicklaus Boulevard and between Serendipity Boulevard

and US 41. Passing is also prohibited on portions of Littleton Road between NE 24th Avenue and Corbett Road (approximately 28% of this segment length) and between Nicklaus Boulevard and Horizon Boulevard (approximately 57% of this segment length).

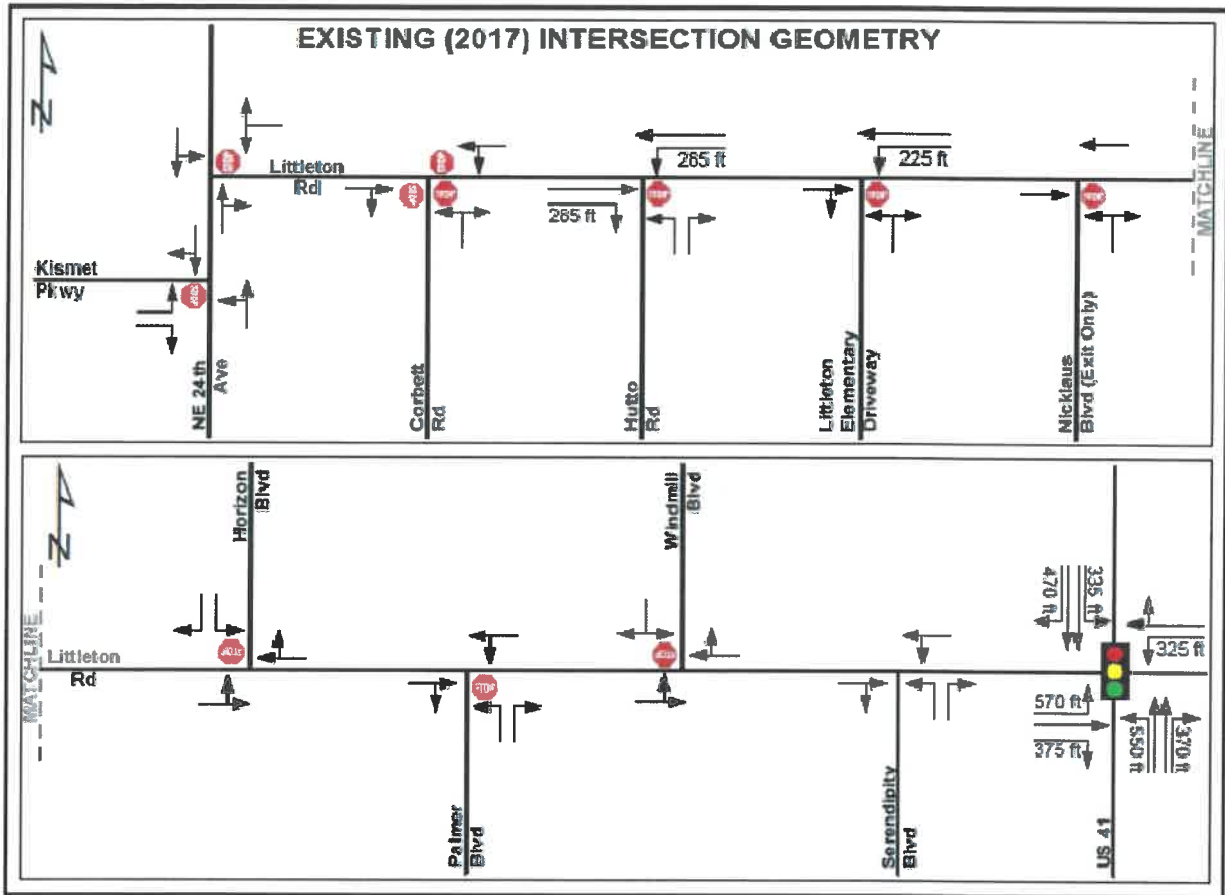


Figure 2-1 – Existing (2017) Intersection Geometry

2.2 Existing Traffic Volumes

Twenty-four hour bi-directional volume counts were conducted at seven locations on Littleton Road and Kismet Parkway for two consecutive days on Tuesday, April 18th and Wednesday, April 19th, 2017. These locations included the following:

- Kismet Parkway west of NE 24th Avenue;
- Littleton Road east of NE 24th Avenue;
- Littleton Road east of Corbett Road;
- Littleton Road between Hutto Road and Horizon Boulevard;
- Littleton Road between Palmer Road and Windmill Boulevard;
- Littleton Road west of US 41; and
- Littleton Road east of US 41

Twenty-four hour bi-directional volume counts were also conducted north and/or south of Littleton Road on eight cross streets during this same two-day period. These cross streets included the following:

- NE 24th Avenue
- Corbett Road
- Nicklaus Boulevard
- Horizon Boulevard
- Palmer Boulevard
- Windmill Boulevard
- Serendipity Boulevard
- US 41

The bi-directional volume count data is provided in **Appendix A. Table 2-1** summarizes the traffic counts for each day, as well as the two-day average values. The 24-hour counts were subsequently converted to AADT volumes using monthly and weekday adjustment factors obtained from Lee County Permanent Count Stations. The adjustment factors associated with the Permanent Count Station (PCS) located on Pondella Road east of Betmar Road (PCS No. 34) were used for all locations except US 41. This PCS data is provided in **Appendix A**. The 24-hour counts on Littleton Road and Kismet Parkway were also multiplied by an axle adjustment factor of 0.99. This axle adjustment factor was calculated based on data obtained from a two-day vehicle classification count conducted on Littleton Road west of Corbett Road. The vehicle classification count data and the axle adjustment factor calculations are also provided in **Appendix A**. This axle adjustment factor was also applied to the 24-hour traffic counts on NE 24th Avenue. The traffic counts conducted on US 41 north and south of Littleton Road were adjusted using the monthly and weekday factors associated with PCS No. 1 (US 41 north of North Key Drive), as well as the axle adjustment factor for US 41 obtained from the FDOT's 2016 Weekly Axle Factor Category Report. This PCS data is also provided in **Appendix A. Table 2-1** indicates that the 2017 AADT volumes for the study corridor range from 5,500 vehicles per day (vpd) just east of NE 24th Avenue to 8,200 vpd just west of US 41.

Eight-hour turning movement counts were conducted on Littleton Road and Kismet Parkway at the eight cross streets listed above, as well as at Hutto Road and the Littleton Elementary School driveway located to the east of Hutto Road. These turning movement counts were conducted on April 19, 2017 during the following time periods:

- 7:00 a.m. to 9:00 a.m.
- 12:00 p.m. to 3:00 p.m.
- 3:30 p.m. to 6:30 p.m.

Heavy vehicles (i.e., trucks and buses) were counted in addition to passenger vehicles. The peak hour turning movement count data is provided in **Appendix B**. A review of the turning movement count data indicated that the highest a.m. and p.m. hourly volumes generally occurred from 7:00 a.m. to 8:00 a.m. and from 4:30 p.m. to 5:30 p.m., respectively. Consequently, these time periods were used to represent the existing peak hours of the study corridor.

2017 AADT Volumes - Littleton Road and Kismet Parkway Mainline								
Roadway	Location	Date	Volume	MF	DF	AF	AADT	AADT ⁽¹⁾
Kismet Pkwy	West of NE 24th Ave	4/18/2017	6,343	1.03	1.11	0.99	5,492	5,600
		4/19/2017	6,530	1.03	1.11	0.99	5,654	
		Two-day Avg.	6,437				5,573	
Littleton Rd	East of NE 24th Ave	4/18/2017	6,263	1.03	1.11	0.99	5,423	5,500
		4/19/2017	6,518	1.03	1.11	0.99	5,644	
		Two-day Avg.	6,391				5,534	
Littleton Rd	East of Corbett Rd	4/18/2017	7,320	1.03	1.11	0.99	6,338	6,400
		4/19/2017	7,565	1.03	1.11	0.99	6,551	
		Two-day Avg.	7,443				6,445	
Littleton Rd	Btwn Hutto Rd and Horizon Blvd	4/18/2017	7,357	1.03	1.11	0.99	6,371	6,400
		4/19/2017	7,533	1.03	1.11	0.99	6,523	
		Two-day Avg.	7,445				6,447	
Littleton Rd	Btwn Palmer Rd and Windmill Blvd	4/18/2017	8,316	1.03	1.11	0.99	7,201	7,300
		4/19/2017	8,594	1.03	1.11	0.99	7,442	
		Two-day Avg.	8,455				7,321	
Littleton Rd	West of US 41	4/18/2017	9,373	1.03	1.11	0.99	8,116	8,200
		4/19/2017	9,665	1.03	1.11	0.99	8,369	
		Two-day Avg.	9,519				8,243	
Littleton Rd	East of US 41	4/18/2017	8,674	1.03	1.11	0.99	7,511	7,500
		4/19/2017	8,752	1.03	1.11	0.99	7,578	
		Two-day Avg.	8,713				7,545	
2017 AADT Volumes - Littleton Road and Kismet Parkway Cross Streets								
Roadway	Location	Date	Volume	MF	DF	AF	AADT	AADT ⁽¹⁾
NE 24th Ave	South of Kismet Pkwy	4/18/2017	3,023	1.03	1.11	0.99	2,618	2,600
		4/19/2017	3,059	1.03	1.11	0.99	2,649	
		Two-day Avg.	3,041				2,633	
NE 24th Ave	Btwn Kismet Pkwy and Littleton Rd	4/18/2017	7,215	1.03	1.11	0.99	6,248	6,300
		4/19/2017	7,442	1.03	1.11	0.99	6,444	
		Two-day Avg.	7,329				6,346	
NE 24th Ave	North of Littleton Rd	4/18/2017	1,801	1.03	1.11	0.99	1,560	1,600
		4/19/2017	1,806	1.03	1.11	0.99	1,564	
		Two-day Avg.	1,804				1,562	
Corbett Rd	South of Littleton Rd	4/18/2017	1,417	1.03	1.11	1.00	1,239	1,250
		4/19/2017	1,449	1.03	1.11	1.00	1,267	
		Two-day Avg.	1,433				1,253	
Nicklaus Blvd	South of Littleton Rd	4/18/2017	251	1.03	1.11	1.00	220	200
		4/19/2017	223	1.03	1.11	1.00	195	
		Two-day Avg.	237				207	
Horizon Blvd	North of Littleton Rd	4/18/2017	1,715	1.03	1.11	1.00	1,500	1,500
		4/19/2017	1,692	1.03	1.11	1.00	1,480	
		Two-day Avg.	1,704				1,490	
Palmer Blvd	South of Littleton Rd	4/18/2017	1,262	1.03	1.11	1.00	1,104	1,100
		4/19/2017	1,296	1.03	1.11	1.00	1,134	
		Two-day Avg.	1,279				1,119	
Windmill Blvd	North of Littleton Rd	4/18/2017	949	1.03	1.11	1.00	830	850
		4/19/2017	968	1.03	1.11	1.00	847	
		Two-day Avg.	959				838	
Serendipity Blvd	South of Littleton Rd	4/18/2017	1,061	1.03	1.11	1.00	928	950
		4/19/2017	1,118	1.03	1.11	1.00	978	
		Two-day Avg.	1,090				953	
US 41	South of Littleton Rd	4/18/2017	27,742	1.02	1.09	0.95	23,705	23,400
		4/19/2017	27,621	1.02	1.11	0.95	23,176	
		Two-day Avg.	27,682				23,440	
US 41	North of Littleton Rd	4/18/2017	24,320	1.02	1.09	0.95	20,781	20,600
		4/19/2017	24,304	1.02	1.11	0.95	20,393	
		Two-day Avg.	24,312				20,587	

MF - Monthly Adjustment Factor
DF - Day of Week Adjustment Factor
AF - Axle Adjustment Factor
(1) Rounded

Table 2-1 – Existing Year (2017) AADT Volumes

However, it should be noted that most of the entering and exiting volumes recorded between 1:45 p.m. and 2:45 p.m. at the Hutto Road intersection and the Littleton Elementary School driveway were higher than the volumes recorded between 4:30 p.m. and 5:30 p.m. The 1:45 p.m. to 2:45

p.m. time period represents the p.m. peak hour for the elementary school. The raw turning movement count data was adjusted using the monthly and weekday adjustment factors and the resulting 2017 a.m. and p.m. peak hour volumes are illustrated in **Figure 2-2** and **Figure 2-3**, respectively.

2.3 Existing Peak Hour Traffic Operations

Peak hour traffic analyses were conducted for the intersections and the roadway segments using the Highway Capacity Manual software (HCS) and the peak hour volumes depicted in **Figure 2-2** and **Figure 2-3**. Littleton Road was analyzed as a Class III two-lane undivided highway. According to the Highway Capacity Manual, Class III two-lane highways are highways serving moderately developed areas. On these roadways, local traffic often mixes with through traffic, and the density of unsignalized roadside access points is noticeably higher than in a rural area. Level of Service (LOS) for Class III highways is based on the Percentage of Free-Flow Speed (PFFS), which represents the ability of vehicles to travel at or near the posted speed limit.

The HCS analysis of two-lane highways requires the use of a base free-flow speed. In most circumstances, the base free-flow speed is the speed that would be expected to occur given the roadway's specific horizontal and vertical alignment if standard lane and shoulder widths were present. The design speed of the roadway is often used as an estimate of the base free-flow speed since it is based primarily on horizontal and vertical alignment. Since the existing design speed of Littleton Road is 45 mph, this speed was used as the base free-flow speed. The existing conditions roadway segment analyses were conducted using the following peak hour traffic characteristics:

- Truck percentage – 6.0% (a.m. peak hour)/3.0% (p.m. peak hour)
- Peak Hour Factor (PHF) – 0.86 (a.m. peak hour)/0.92 (p.m. peak hour)

The peak hour truck percentages are the average percentages that were calculated using the two-day vehicle classification count data obtained on Littleton Road west of Corbett Road. The PHF's are the average corridor PHF's and were calculated using the peak hour turning movement count data obtained at all of the study corridor intersections. These calculations are provided in **Appendix B. Table 2-2** summarizes the results of the two-lane undivided highway segment analysis. All of the roadway segments are operating at LOS C or better during both peak hours. In the a.m. peak hour, the PFFS ranges between 76.1% and 84.0%, while in the p.m. peak hour, the PFFS ranges between 78.2% and 88.0%.

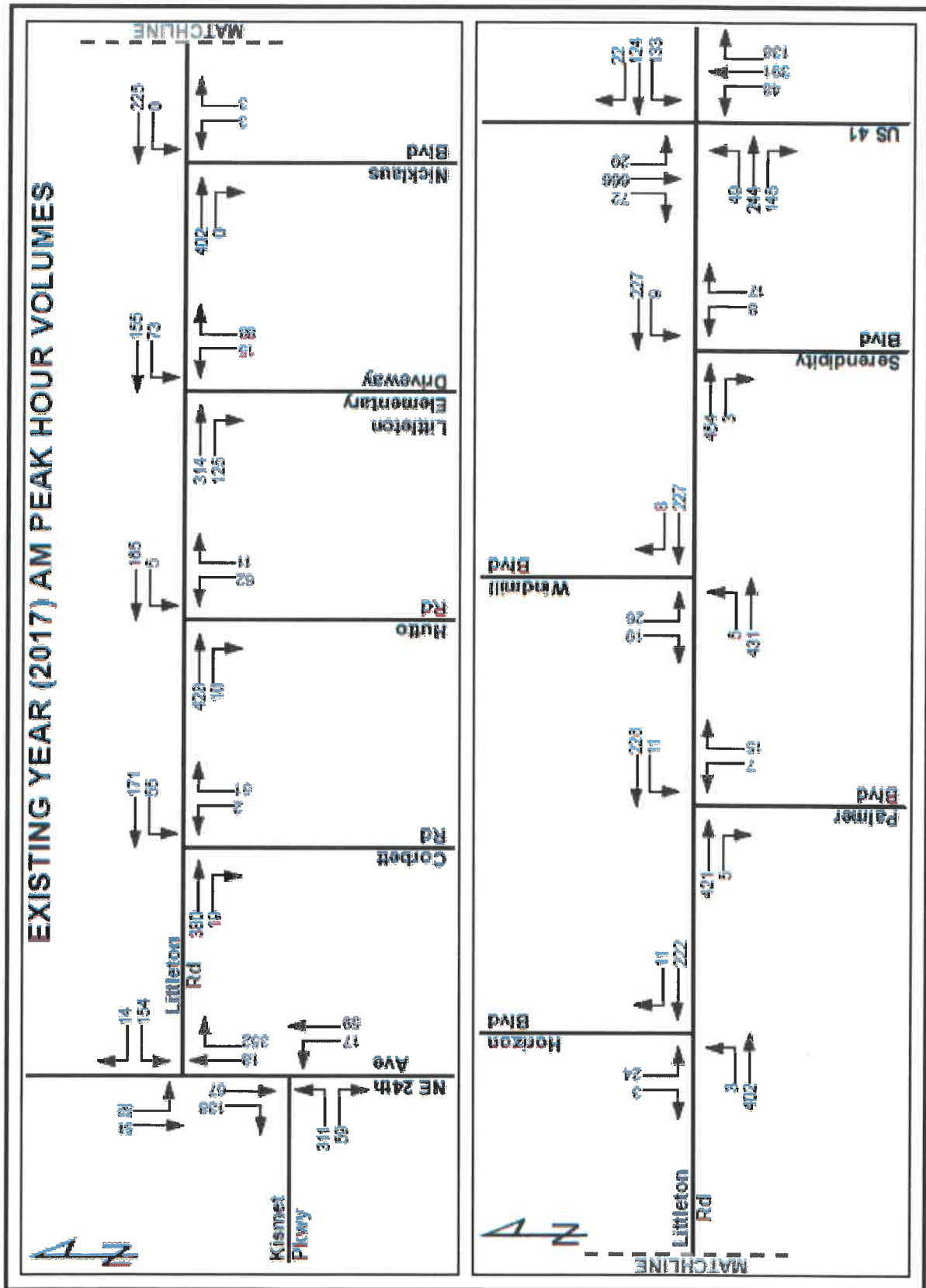


Figure 2-2 - Existing Year (2017) AM Peak Hour Volumes

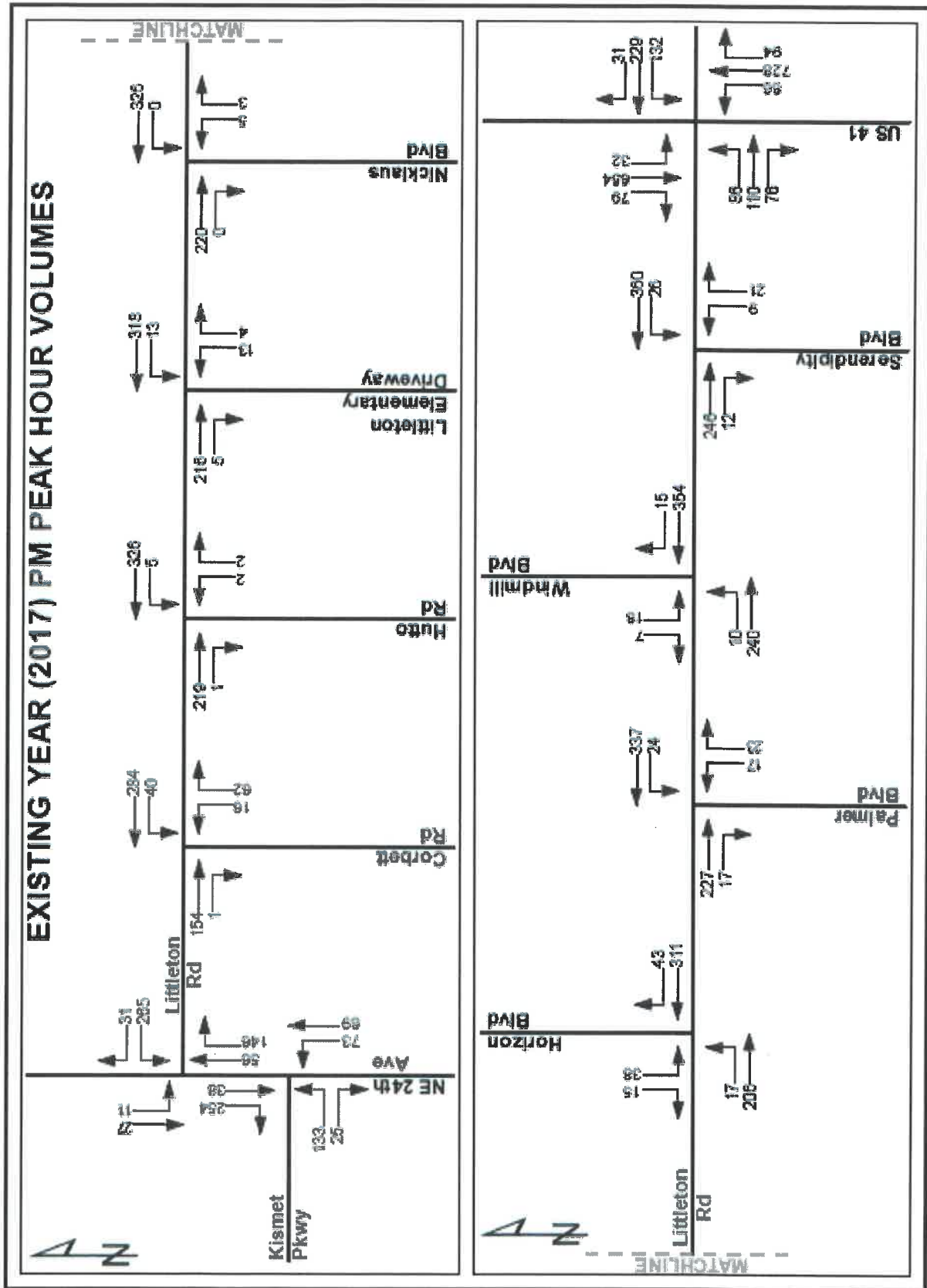


Figure 2-3 - Existing Year (2017) PM Peak Hour Volumes

Segment		AM Peak Hour					
From	To	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue	Corbett Road	573	402	0.53	64.1%	84.0%	B
Corbet Road	Hutto Road	662	435	0.53	74.0%	76.1%	C
Hutto Road	Elementary School Driveway	609	439	0.53	73.6%	76.3%	C
Elementary School Driveway	Nicklaus Boulevard	630	402	0.53	72.9%	76.9%	C
Nicklaus Boulevard	Horizon Boulevard	630	405	0.53	71.1%	79.4%	C
Horizon Boulevard	Palmer Boulevard	659	426	0.53	55.0%	82.8%	C
Palmer Boulevard	Windmill Boulevard	673	436	0.53	55.4%	82.5%	C
Windmill Boulevard	Serendipity Boulevard	692	457	0.53	56.8%	82.0%	C
Serendipity Boulevard	US 41	695	455	0.53	73.6%	76.2%	C

Segment		PM Peak Hour					
From	To	Two-Way Volume	Peak Dr. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue	Corbett Road	458	302	0.53	56.3%	88.0%	B
Corbet Road	Hutto Road	544	326	0.53	69.4%	79.2%	C
Hutto Road	Elementary School Driveway	551	331	0.53	69.9%	79.1%	C
Elementary School Driveway	Nicklaus Boulevard	551	331	0.53	69.9%	79.1%	C
Nicklaus Boulevard	Horizon Boulevard	549	326	0.53	66.3%	81.9%	C
Horizon Boulevard	Palmer Boulevard	598	354	0.53	48.2%	85.1%	B
Palmer Boulevard	Windmill Boulevard	611	361	0.53	48.7%	84.8%	B
Windmill Boulevard	Serendipity Boulevard	627	369	0.53	48.7%	84.5%	B
Serendipity Boulevard	US 41	660	390	0.53	70.7%	78.2%	C

V/C = Volume-to-Capacity Ratio
 PTSF = Percent Time-Spent-Following
 PFFS = Percent Free Flow Speed
 LOS = Level of Service

Table 2-2 - Existing Conditions (2017) Peak Hour Roadway Segment Analysis Summary

The existing conditions intersection analyses were conducted using the peak hour truck percentages and overall intersection PHF's calculated based on the peak hour turning movement count data. The signalized intersection analyses conducted for the Littleton Road/US 41 intersection also incorporated existing signal timing data (i.e., minimum/maximum green times, yellow and all-red times, and total cycle lengths) obtained from Lee County DOT. **Table 2-3** summarizes the results of the intersection analysis. It should be noted that the p.m. peak hour analysis results for the Hutto Road intersection and the elementary school driveway are based on the analyses that were conducted using the volumes associated with the 1:45 p.m. to 2:45 p.m. time period. As stated previously, most of the entering and exiting volumes recorded between 1:45 p.m. and 2:45 p.m. at the Hutto Road intersection and the Littleton Elementary School driveway were higher than the volumes recorded between 4:30 p.m. and 5:30 p.m.

All of the left-turn movements made from Littleton Road at the unsignalized intersections are operating at LOS B or better during both peak hours. In addition, all of the stop controlled left-turn and right-turn movements made from the cross streets/driveways onto Littleton Road are operating at LOS C or better during both peak hours. Lastly, all of the movements at the Littleton Road/US 41 signalized intersection are operating at LOS E or better during both peak hours and a majority of the movements are operating at LOS D or better. In the a.m. peak hour, the average vehicle delays range between 16.3 seconds per vehicle (sec/veh) and 67.7 sec/veh. In the p.m. peak hour, the average vehicle delays range between 20.0 sec/veh and 70.4 sec/veh. The existing conditions HCS analysis summary sheets are provided in **Appendix C**.

Existing Conditions (2017) Peak Hour Intersection Analysis Summary								
Intersection	Approach	Movement	AM Peak Hour			PM Peak Hour		
			V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾
Kismet Parkway & NE 24th Avenue	Eastbound	LT	0.49	14.8	B	0.23	13.0	B
	Eastbound	RT	0.07	9.3	A	0.03	9.2	A
	Northbound	LT	0.01	7.8	A	0.06	8.0	A
Littleton Road & NE 24th Avenue	Westbound	LT/RT	0.34	14.5	B	0.37	11.8	B
	Southbound	LT	0.05	8.3	A	0.01	7.8	A
Littleton Road & Corbett Road (All-Way Stop)	Eastbound	TH/RT	0.58	13.2	B	0.21	8.7	A
	Westbound	LT/TH	0.35	10.1	B	0.43	10.6	B
	Northbound	LT/RT	0.09	8.5	A	0.11	8.3	A
Littleton Road & Hutto Road ⁽⁴⁾	Westbound	LT	0.01	9.5	A	0.00	8.2	A
	Northbound	LT	0.20	16.7	C	0.10	12.2	B
	Northbound	RT	0.03	12.1	B	0.01	10.9	B
Littleton Road & Elementary School Driveway ⁽⁴⁾	Westbound	LT	0.09	8.8	A	0.04	8.0	A
	Northbound	LT/RT	0.25	14.1	B	0.17	11.5	B
Littleton Road & Nicklaus Boulevard	Northbound	LT/RT	0.01	12.6	B	0.02	11.6	B
Littleton Road & Horizon Boulevard	Eastbound	LT	0.00	7.8	A	0.02	8.1	A
	Southbound	LT	0.08	16.7	C	0.10	15.1	C
	Southbound	RT	0.00	9.6	A	0.02	10.3	B
Littleton Road & Palmer Boulevard	Westbound	LT	0.01	8.4	A	0.02	7.8	A
	Northbound	LT	0.03	16.7	C	0.05	15.4	C
	Northbound	RT	0.03	11.3	B	0.03	9.7	A
Littleton Road & Windmill Boulevard	Eastbound	LT	0.00	7.8	A	0.01	8.1	A
	Southbound	LT/RT	0.11	15.6	C	0.07	14.2	B
Littleton Road & Serendipity Boulevard	Westbound	LT	0.01	8.5	A	0.02	7.8	A
	Northbound	LT	0.03	17.5	C	0.03	16.0	C
	Northbound	RT	0.04	11.8	B	0.03	9.8	A
Littleton Road & US 41 (Signalized)	Eastbound	LT	0.11	32.9	C	0.23	40.4	D
	Eastbound	TH	0.75	67.7	E	0.27	61.1	E
	Eastbound	RT	0.39	48.3	D	0.14	40.3	D
	Westbound	LT	0.36	36.3	D	0.27	39.5	D
	Westbound	TH/RT	0.46	57.1	E	0.65	70.4	E
	Northbound	LT	0.17	27.4	C	0.25	34.0	C
	Northbound	TH	0.32	33.9	C	0.56	45.4	D
	Northbound	RT	0.17	16.4	B	0.12	20.0	C
	Southbound	LT	0.05	26.1	C	0.13	41.8	D
	Southbound	TH	0.55	39.1	D	0.64	59.1	E
	Southbound	RT	0.09	16.3	B	0.12	28.9	C
	Intersection	All	N/A	40.4	D	N/A	50.0	D

(1) Volume-to-Capacity Ratio
 (2) Average Delay (Seconds/Vehicle)
 (3) Level of Service
 (4) The p.m. peak hour for this intersection was 1:45 p.m. to 2:45 p.m. due to the afternoon dismissal of Littleton Elementary School

Table 2-3 - Existing Conditions (2017) Peak Hour Intersection Analysis Summary

2.4 Crash History

Crash data for the five-year period from 2012 through 2016 was obtained from Lee County DOT. **Table 2-4** summarizes the number of fatal crashes, personal injury crashes and property damage only crashes that occurred within the study corridor during each of these years. There were a total of 37 crashes during this five-year period; however, 54.1% of these crashes occurred in either 2015

or 2016. Although a majority of the crashes involved property damage only, there were also seven injury crashes.

Year	No. of Crashes	No. of Fatality Crashes	No. of Injury Crashes	No. of Property Damage Only Crashes	No. of Fatalities	No. of Injures
2012	4	0	0	4	0	0
2013	8	0	0	8	0	0
2014	5	0	1	4	0	1
2015	8	0	1	7	0	1
2016	12	0	5	7	0	8
5-Year Total	37	0	7	30	0	10

Table 2-4 - Total Number of Crashes, Fatalities and Injuries (2012-2016)

Table 2-5 summarizes the locations of the crashes. The largest number of crashes on Littleton Road occurred at the Windmill Boulevard (six), Corbett Road (5) and Serendipity Boulevard (5) intersections. There were also two crashes at the Littleton Road/Corbett Road intersection that occurred on Corbett Road, resulting in a total of seven crashes at this intersection. Four crashes occurred at the Littleton Road/NE 24th Avenue intersection. Two of these occurred on Littleton Road and two occurred on NE 24th Avenue. Four crashes also occurred at the Littleton Road/Horizon Boulevard intersection. Three of these occurred on Horizon Boulevard and one occurred on Littleton Road.

Location		No. of Crashes	% of Total Crashes
Intersection	Roadway		
Littleton Road/Windmill Boulevard	Littleton Road	6	16.22%
Littleton Road/Corbett Road	Littleton Road	5	13.51%
Littleton Road/Serendipity Boulevard	Littleton Road	5	13.51%
Littleton Road/Horizon Boulevard	Horizon Boulevard	3	8.11%
NE 24th Avenue/Kismet Parkway	NE 24th Avenue	2	5.41%
NE 24th Avenue/Littleton Road	NE 24th Avenue	2	5.41%
NE 24th Avenue/Littleton Road	Littleton Road	2	5.41%
Littleton Road/Corbett Road	Corbett Road	2	5.41%
Littleton Road/Hutto Road	Hutto Road	2	5.41%
Littleton Road/US 41	Littleton Road	2	5.41%
Littleton Road/Nicklaus Boulevard	Nicklaus Boulevard	1	2.70%
Littleton Road/Nicklaus Boulevard	Littleton Road	1	2.70%
Littleton Road/Horizon Boulevard	Littleton Road	1	2.70%
NE 24th Avenue/Kismet Parkway	Kismet Parkway	1	2.70%
Littleton Road/US 41	US 41	1	2.70%
Littleton Road/7-11 Driveway	Littleton Road	1	2.70%
Total		37	100.00%

Table 2-5 - Crash Locations (2012-2016)

Table 2-6 summarizes the lighting, weather and road surface conditions present at the time of the crashes. A majority of the crashes occurred on dry roadway surfaces during clear daylight conditions. This indicates that poor visibility and/or bad weather were not significant contributing causes of the crashes.

Lighting Condition	No. of Crashes	% of Total Crashes
Daylight	22	59.46%
Dark (Street Light)	4	10.81%
Dark (No Street Light)	3	8.11%
Dusk/Dawn	1	2.70%
Unknown/Not Coded	7	18.92%
Total	37	100.00%
Weather Condition	No. of Crashes	% of Total Crashes
Clear	24	64.86%
Cloudy	4	10.81%
Rain	2	5.41%
Fog	0	0.00%
Unknown/Not Coded	7	18.92%
Total	37	100.00%
Road Surface Condition	No. of Crashes	% of Total Crashes
Dry	28	75.68%
Wet	2	5.41%
Unknown/Not Coded	7	18.92%
Total	37	100.00%

Table 2-6 - Crash Conditions (2012-2016)

Table 2-7 summarizes the types of crashes that occurred within the study corridor. Rear-end crashes and angle crashes were the most prevalent types of crashes and represented approximately 24.3% and 13.5% of the total crashes, respectively. Two crashes involved pedestrians and these occurred on Littleton Road at Windmill Boulevard and NE 24th Avenue.

Crash Type	No. of Crashes	% of Total Crashes
Front-to-Rear	9	24.32%
Angle	5	13.51%
Front-to-Front	3	8.11%
Hit Utility Pole/Sign Support	3	8.11%
Sideswipe, Opposite Direction	2	5.41%
Sideswipe, Same Direction	2	5.41%
Hit Pedestrian	1	2.70%
Ran into Ditch	1	2.70%
Struck by Falling Cargo	1	2.70%
Unknown/Not Coded	10	27.03%
Totals	37	100.00%

Table 2-7 - Crash Types (2012-2016)

3.0 FUTURE YEAR TRAFFIC VOLUMES

3.1 Future Year Average Annual Daily Traffic (AADT) Volumes

The FDOT District One 2040 Districtwide travel demand model (also known as the District One Regional Planning Model – D1RPM) was run and the 2040 Peak Season Weekday Average Daily Traffic (PSWADT) volumes for the study corridor were obtained. A plot of the 2040 PSWADT volumes is provided in **Appendix D**. The 2040 AADT volumes were obtained by multiplying the 2040 PSWADT volumes by a Model Output Conversion Factor (MOCF) obtained from the FDOT's Peak Season Factor Category Report. An MOCF value of 0.95 was used for Littleton Road, Kismet Parkway, NE 24th Avenue and Corbett Road, while an MOCF value of 0.91 was used for US 41. The 2040 AADT volumes are provided in **Table 3-1**. A review of **Table 3-1** indicates that the 2040 AADT volumes for the study corridor are projected to range between 19,300 vpd (just east of Corbett Road) and 22,900 vpd (just west of US 41). The opening year for the roadway improvements was assumed to be 2020 and the 2020 AADT volumes were derived by interpolating between the 2017 and 2040 AADT volumes. The 2020 AADT volumes are also provided in **Table 3-1**.

Roadway	Location	2017 AADT	2040 Model PSWADT	2040 Model AADT ⁽¹⁾	2040 Model AADT ⁽²⁾	2020 AADT ⁽³⁾	2020 AADT ⁽²⁾
Kismet Pkwy	West of NE 24th Ave	5,600	14,485	13,761	13,800	6,759	6,800
Littleton Rd	East of NE 24th Ave	5,500	21,723	20,637	20,600	7,616	7,600
Littleton Rd	East of Corbett Rd	6,400	20,362	19,344	19,300	8,221	8,200
Littleton Rd	West of US 41	8,200	24,145	22,938	22,900	10,280	10,300
Littleton Rd	East of US 41	7,500	22,841	21,699	21,700	9,501	9,500
NE 24th Ave	South of Kismet Pkwy	2,600	17,745	16,858	16,900	4,575	4,600
NE 24th Ave	North of Littleton Rd	1,600	15,727	14,941	14,900	3,443	3,400
Corbett Rd	South of Littleton Rd	1,250	8,432	8,010	8,000	2,187	2,200
US 41	South of Littleton Rd	23,400	41,545	37,806	37,800	25,767	25,800
US 41	North of Littleton Rd	20,600	37,533	34,155	34,200	22,809	22,800

⁽¹⁾ 2040 AADT volume = 2040 PSWADT volume x Model Output Conversion Factor (MOCF). MOCF = 0.91 for US 41 and 0.95 for all other roads.

⁽²⁾ Rounded to the nearest 100 vehicles

⁽³⁾ 2020 AADT volumes were derived via interpolation using the 2017 and 2040 AADT volumes.

Table 3-1 - Existing and Future Year Average Annual Daily Traffic (AADT) Volumes

3.2 Future Year Peak Hour Volumes

The design year (2040) peak hour intersection volumes were derived using the following methodology:

Step 1 – The 2040 AADT volumes on Kismet Parkway, Littleton Road, NE 24th Avenue and Corbett Road were multiplied by a K-factor of 0.105 and a D-factor of 0.615. The 2040 AADT volumes on US 41 were multiplied by a K-factor of 0.095 and a D-factor of 0.615. These K-factors are the K₃₀-factors associated with PCS No. 34 and PCS No. 1 and represent the proportion of the AADT volume occurring during the 30th highest hour of the year. The D-factor that was used is the average of the two p.m. peak hour D-factors associated with PCS No. 34 and PCS No. 1.

Step 2 – The 2040 peak direction p.m. peak hour volumes calculated in Step 1 were multiplied by the existing p.m. peak hour turning movement percentages.

Step 3 – The 2040 off-peak direction (i.e., intersection departure volumes) p.m. peak hour volumes were obtained by summing the contributing turning movement volumes.

Step 4 – Manual adjustments were made to individual movement volumes to obtain peak and off-peak direction volumes that more closely reflected the initial K- and D-factors. Manual adjustments were also made to improve the reasonableness of individual movement volumes that were viewed as being unrealistically high or low.

Step 5 – The 2040 a.m. peak hour volumes were obtained by “reversing” the reciprocal movement volumes (e.g., the p.m. peak hour westbound left-turn volume was used as the a.m. peak hour northbound right-turn volume). This method was used to avoid overestimating the design year a.m. peak hour volumes. The a.m. peak hour D-factors associated with the two permanent count stations are significantly higher than the p.m. peak hour D-factors. The use of these factors, coupled with the high K_{30} -factors, would result in excessively high design year a.m. peak hour volumes, which in turn, could result in the need for even more future year intersection improvements.

Step 6 – The 2040 a.m. and p.m. peak hour left-turn and right-turn volumes at the seven intersections located between Corbett Road and US 41 were derived by multiplying the 2017 peak hour turning movement volumes by 1.23. This represents a linear growth rate of 1.0% per year. The use of a growth rate was necessary because the existing cross streets located between Corbett Road and US 41 were not included (coded) in the District One Districtwide travel demand model. Although the existing residential communities located between Nicklaus Boulevard and Serendipity Boulevard are built-out, the use of a growth rate to derive the design year peak hour volumes for these roadways assumes that there will be (or could be) a minor increase in peak hour volumes. This accounts for the possibility of a temporal shift in hourly traffic volumes from other hours of the day to the peak hours analyzed for this study. In most cases, the use of this low growth rate resulted in only minor increases in peak hour volumes (compared to the existing volumes).

Step 7 – The 2040 peak hour left-turn and right-turn volumes estimated in Step 6 were added and subtracted from the 2040 peak hour approach and departure volumes west of the US 41 intersection to obtain a second estimate of the 2040 a.m. and p.m. peak hour approach and departure volumes east of Corbett Road.

Step 8 – The 2040 a.m. and p.m. peak hour turning movement volumes previously estimated for the Corbett Road intersection were manually adjusted to yield the 2040 peak hour approach and departure volumes that were previously estimated for Littleton Road west of Corbett Road.

The 2040 a.m. and p.m. peak hour volumes resulting from this methodology are illustrated in **Figure 3-1** and **Figure 3-2**, respectively.

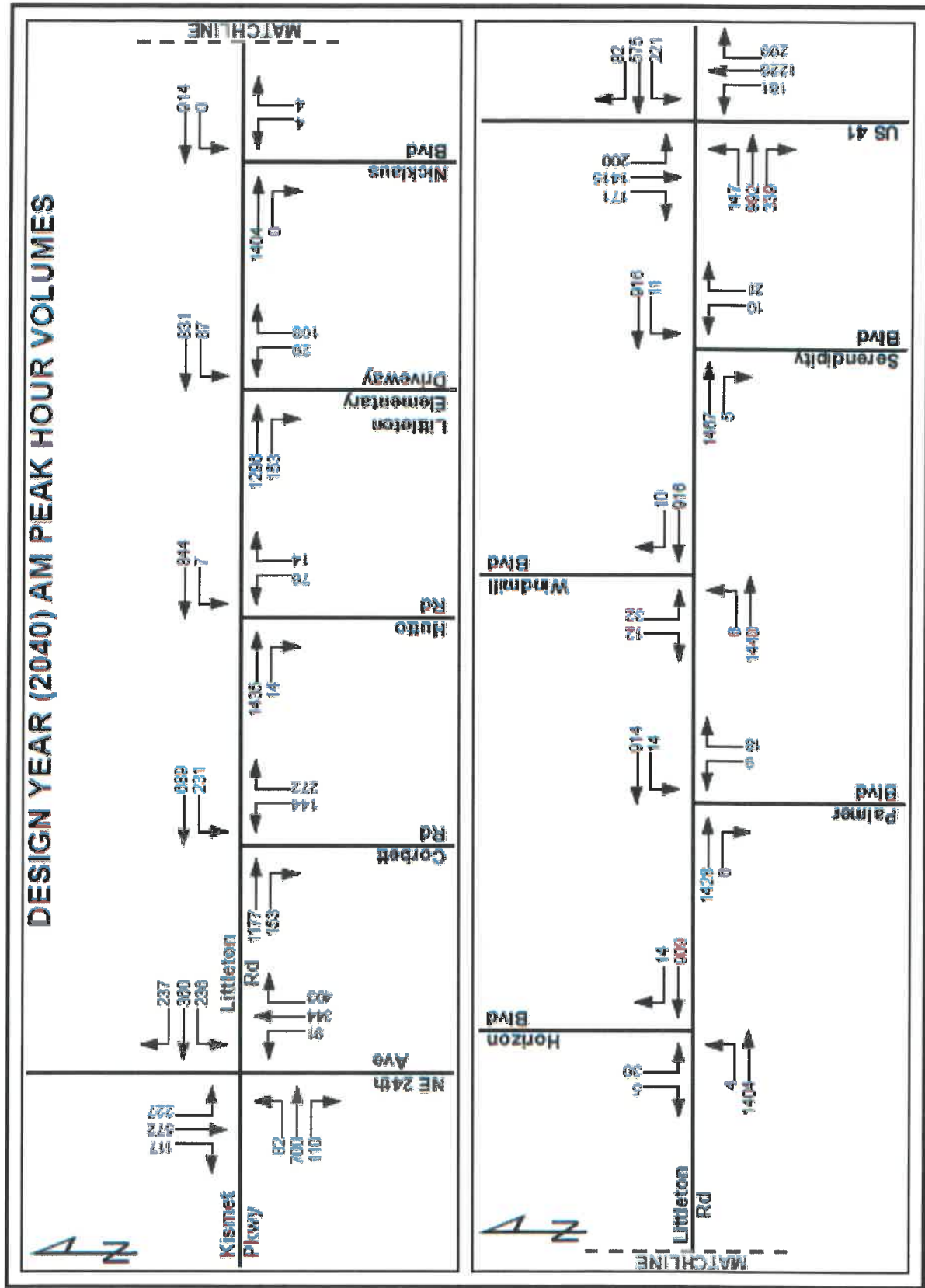


Figure 3-1 - Design Year (2040) AM Peak Hour Volumes

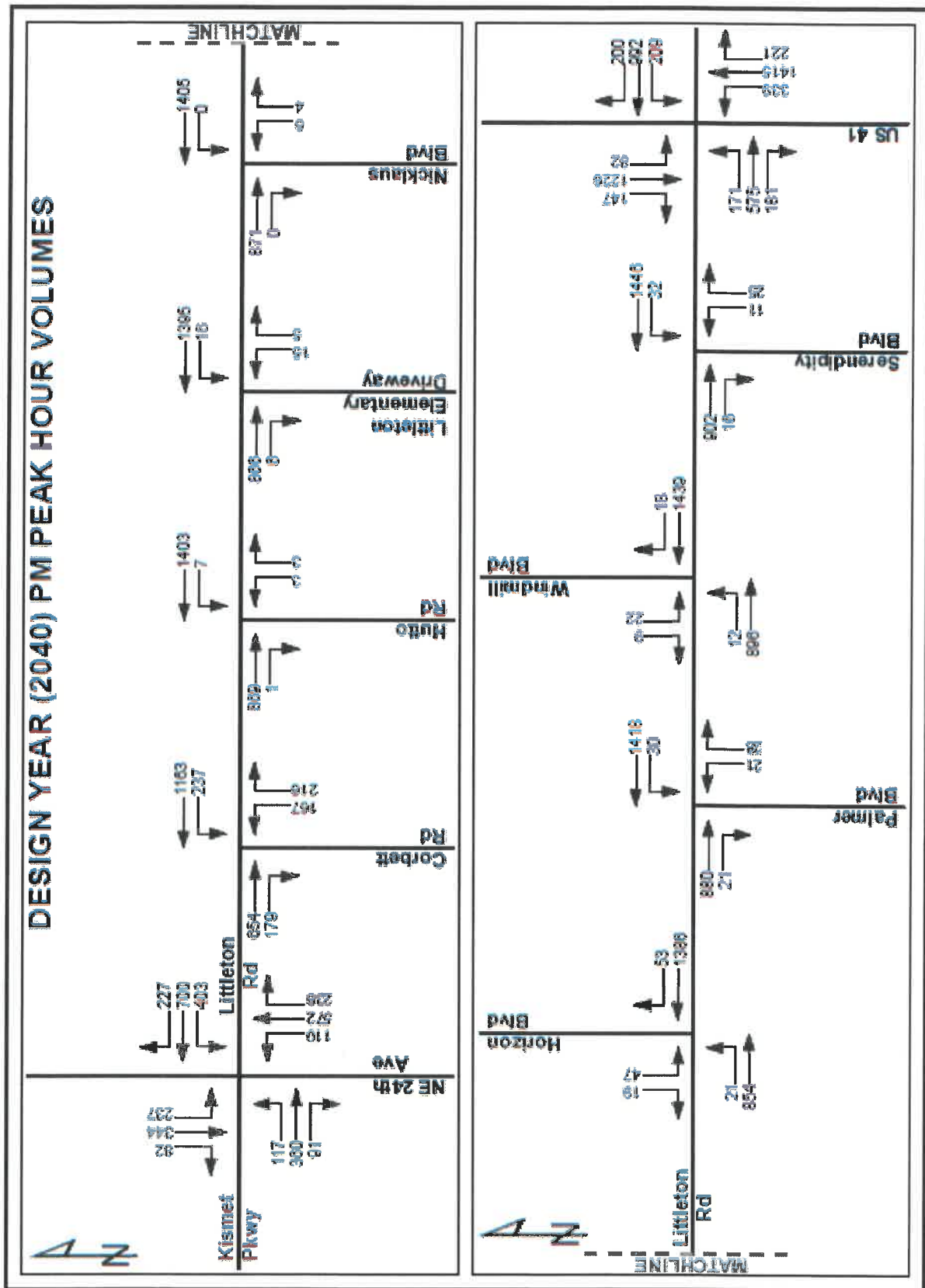


Figure 3-2 - Design Year (2040) PM Peak Hour Volumes

4.0 FUTURE YEAR TRAFFIC CONDITIONS/GEOMETRIC REQUIREMENTS

4.1 Design Year (2040) Peak Hour Traffic Operations – No-Build Alternative

Design year (2040) peak hour traffic operations analyses were initially conducted for the No-Build Alternative using the Highway Capacity Manual Software (HCS). A PHF equal to 0.92 was used in the design year analyses for all intersections except the Littleton Road/US 41 intersection. The design year analyses conducted for this intersection used a PHF equal to 0.95. The design year analyses were also conducted using a peak hour truck percentage equal to 3.0% for Littleton Road, US 41, NE 24th Avenue and Corbett Road. The existing peak hour truck percentages were used for all of the other cross streets/driveways. **Table 4-1** summarizes the results of the design year a.m. and p.m. peak hour HCS two-lane roadway segment analyses. The entire study corridor is projected to operate at Level of Service E. Although Level of Service E is the adopted level of service standard for Littleton Road, the portion of the study corridor from Windmill Boulevard to US 41 is projected to have v/c ratios in the range of 0.94 to 0.95 during the a.m. peak hour. This indicates that there may be only minimal “additional” roadway capacity available in the design year and, therefore, there is a high probability that this portion of the existing two-lane undivided roadway will begin to experience overcapacity conditions in the years immediately following the design year.

Additional design year peak hour roadway segment analyses were conducted for the portions of Littleton Road between NE 24th Avenue and Corbett Road and between Corbett Road and US 41 using the Florida Department of Transportation’s HIGHPLAN software. Since the peak hour directional volumes for the eight individual segments between Corbett Road and US 41 do not differ significantly, the average eastbound and westbound peak hour volumes were calculated and used to conduct this analysis. The results of these analyses are also summarized in **Table 4-1**. Based on the HIGHPLAN analysis, the portion of Littleton Road between NE 24th Avenue and Corbett Road is projected to operate at a Level of Service E during both peak hours with a V/C ratio equal to 0.93. In addition, the portion of Littleton Road between Corbett Road and US 41 is projected to operate at Level of Service F during both the a.m. and p.m. peak hours with v/c ratios equal to 1.02 and 1.00, respectively.

The results of the design year a.m. and p.m. peak hour intersection analyses are summarized in **Table 4-2**. Each of the 11 intersections that was analyzed was projected to have at least one movement operating at Level of Service F. Two intersections were projected to have multiple movements operating at Level of Service F during both peak hours. The eastbound through and right-turn movements and the westbound through and left-turn movements at the Littleton Road/Corbett Road all-way stop control intersection are projected to operate at Level of Service F during both peak hours with v/c ratios ranging from 1.61 to 2.79. Four of the 12 movements at the Littleton Road/US 41 signalized intersection are also projected to operate over capacity at Level of Service F during both peak hours. These movements include the eastbound and westbound Littleton Road through movements, as well as the northbound US 41 left-turn movement and the southbound US 41 through movement. The v/c ratios for these movements are projected to range from 1.11 to 2.87.

HCS Analysis													
Segment		AM Peak Hour						PM Peak Hour					
From	To	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue	Corbett Road	2,163	1,330	0.85	92.8%	54.0%	E	2,163	1,330	0.85	92.8%	54.0%	E
Corbett Road	Hutto Road	2,369	1,449	0.93	95.5%	47.7%	E	2,270	1,400	0.90	95.3%	49.7%	E
Hutto Road	Elementary School Driveway	2,300	1,449	0.93	95.9%	49.0%	E	2,282	1,410	0.90	95.4%	49.4%	E
Elementary School Driveway	Nicklaus Boulevard	2,322	1,404	0.90	95.0%	48.7%	E	2,282	1,411	0.90	95.4%	49.4%	E
Nicklaus Boulevard	Horizon Boulevard	2,322	1,408	0.90	94.6%	50.0%	E	2,280	1,405	0.90	94.6%	50.8%	E
Horizon Boulevard	Palmer Boulevard	2,357	1,434	0.92	92.4%	49.9%	E	2,340	1,439	0.92	92.6%	50.3%	E
Palmer Boulevard	Windmill Boulevard	2,374	1,446	0.92	92.5%	49.6%	E	2,356	1,448	0.93	92.7%	49.9%	E
Windmill Boulevard	Serendipity Boulevard	2,398	1,472	0.94	92.8%	49.1%	E	2,375	1,457	0.93	92.7%	49.5%	E
Serendipity Boulevard	US 41	2,405	1,478	0.95	95.8%	48.1%	E	2,405	1,478	0.95	95.8%	48.1%	E
HIGHPLAIN Analysis													
Segment		AM Peak Hour						PM Peak Hour					
From	To	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue	Corbett Road	2,163	1,330	0.93	93.3%	54.8%	E	2,163	1,330	0.93	93.3%	54.8%	E
Corbett Road	US 41	2,363	1,446	1.02	100.0%	N/A	F	2,321	1,430	1.00	100.0%	N/A	F

V/C = Volume-to-Capacity Ratio
 PTSF = Percent Time-Spent-Following
 PFFS = Percent Free Flow Speed
 LOS = Level of Service

Table 4-1 - Design Year (2040) Peak Hour Roadway Segment Analysis Summary - No-Build Alternative

Design Year (2040) Peak Hour Intersection Analysis Summary - No-Build Alternative								
Intersection	Approach	Movement	AM Peak Hour			PM Peak Hour		
			V/C	Delay	LOS	V/C	Delay	LOS
Kismet Parkway & NE 24th Avenue	Eastbound	LT	20.27	8,850.9	F	18.9	8,327.9	F
	Eastbound	RT	0.48	32.4	D	0.46	34.9	D
	Northbound	LT/TH	0.21	14.4	B	0.31	18.3	C
Littleton Road & NE 24th Avenue	Westbound	LT/RT	68.60	30970.7	F	70.24	31,513.1	F
	Southbound	LT/TH	0.64	29.3	D	0.58	23.6	C
Littleton Road & Corbett Road (All-Way Stop)	Eastbound	TH/RT	2.64	759.2	F	1.61	298.5	F
	Westbound	LT/TH	1.86	411.2	F	2.79	825.8	F
	Northbound	LT/RT	0.84	36.0	E	0.79	30.4	D
Littleton Road & Hutto Road	Westbound	LT	0.03	17.6	C	0.01	10.0	A
	Northbound	LT	0.66	78.2	F	0.02	33.2	D
	Northbound	RT	0.12	38.3	E	0.01	16.3	C
Littleton Road & Elementary School Driveway	Westbound	LT	0.22	15.9	C	0.02	10.0	B
	Northbound	LT/RT	0.96	125.1	F	0.14	32.8	D
Littleton Road & Nicklaus Boulevard	Northbound	LT/RT	0.17	88.5	F	0.21	91.4	F
Littleton Road & Horizon Boulevard	Eastbound	LT/TH	0.01	10.2	B	0.05	13.9	B
	Southbound	LT	1.74	787.9	F	2.81	1,255.8	F
	Southbound	RT	0.02	17.2	C	0.14	34.0	D
Littleton Road & Palmer Boulevard	Westbound	LT/TH	0.04	13.7	B	0.05	10.3	B
	Northbound	LT	0.58	382.4	F	1.37	677.3	F
	Northbound	RT	0.14	34.7	D	0.10	17.8	C
Littleton Road & Windmill Road	Eastbound	LT/TH	0.01	10.2	B	0.03	13.8	B
	Southbound	LT/RT	2.07	851.3	F	1.48	614.0	F
Littleton Road & Serendipity Boulevard	Westbound	LT/TH	0.03	13.9	B	0.05	10.4	B
	Northbound	LT	0.69	436.6	F	0.79	490.3	F
	Northbound	RT	0.17	37.7	E	0.09	18.1	C
Littleton Road & US 41 (Signalized)	Eastbound	LT	0.43	37.6	D	0.57	53.4	D
	Eastbound	TH	2.87	912.2	F	1.33	239.1	F
	Eastbound	RT	0.85	70.9	E	0.32	43.5	D
	Westbound	LT	0.64	42.3	D	0.70	63.7	E
	Westbound	TH/RT	1.94	498.3	F	2.84	911.3	F
	Northbound	LT	1.14	160.4	F	1.28	221.0	F
	Northbound	TH	0.94	58.6	E	1.03	89.7	F
	Northbound	RT	0.25	17.3	B	0.26	22.0	C
	Southbound	LT	1.30	216.0	F	0.72	68.8	E
	Southbound	TH	1.11	109.2	F	1.14	141.9	F
	Southbound	RT	0.20	17.5	B	0.21	30.3	C
	Intersection	All	N/A	273.8	F	N/A	285.7	F

V/C = Volume-to-Capacity Ratio
 Delay = Average Stopped Delay (in seconds per vehicle)
 LOS = Level of Service

Table 4-2 - Design Year (2040) Peak Hour Intersection Analysis Summary - No Build Alternative

It should also be noted that the most severe overcapacity conditions are projected for the eastbound left-turn movement at the Kismet Parkway/NE 24th Avenue intersection and the westbound left-turn and right-turn movements at the Littleton Road/NE 24th Avenue intersection. The results of the No-Build Alternative traffic operations analyses demonstrate the need for additional geometric improvements within the study corridor. All of the 2040 No-Build Alternative traffic analysis summary sheets are provided in **Appendix E**.

4.2 Design Year (2040) Peak Hour Traffic Operations – Build Alternative

Additional design year (2040) peak hour traffic operations analyses were conducted to determine the geometric improvements that are needed to provide acceptable levels of service throughout the study corridor. **Table 4-3** summarizes the results of the HIGHPLAN analyses that were conducted for a three-lane Littleton Road typical section (i.e., one through lane in each direction and a two-way center left-turn lane) from Corbett Road to US 41. This improvement is projected to operate at Level of Service E during both peak hours. The estimated v/c ratios are 0.97 in the a.m. peak hour and 0.96 in the p.m. peak hour.

The additional peak hour traffic operations analyses that were conducted for the NE 24th Avenue intersection assumed that Littleton Road would be realigned to intersect NE 24th Avenue directly across from the existing Kismet Parkway/NE 24th Avenue intersection. The Littleton Road/Kismet Parkway/NE 24th Avenue intersection was initially analyzed as an unsignalized intersection with stop control on the northbound and southbound NE 24th Avenue approaches. The a.m. and p.m. peak hour unsignalized intersection analysis results are summarized in **Table 4-4** and **Table 4-5**, respectively.

HIGHPLAN Analysis							
Segment		AM Peak Hour					
From	To	Two-Way Volume	Peak Dir. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue ⁽¹⁾	Corbett Road ⁽¹⁾	2,163	1,330	0.40	N/A	100.0%	B
Corbett Road ⁽²⁾	US 41 ⁽²⁾	2,363	1,446	0.97	95.5%	56.1%	E

HIGHPLAN Analysis							
Segment		PM Peak Hour					
From	To	Two-Way Volume	Peak Dr. Volume	V/C	PTSF	PFFS	LOS
NE 24th Avenue ⁽¹⁾	Corbett Road ⁽¹⁾	2,163	1,330	0.40	N/A	100.0%	B
Corbett Road ⁽²⁾	US 41 ⁽²⁾	2,321	1,430	0.96	94.9%	56.8%	E

⁽¹⁾ The Build Alternative for this portion of Littleton Road consists of a four-lane section.
⁽²⁾ The Build Alternative for this portion of Littleton Road consists of a three-lane section.
V/C = Volume-to-Capacity Ratio
PTSF = Percent Time-Spent-Following
PFFS = Percent Free Flow Speed
LOS = Level of Service

Table 4-3 - Design Year (2040) Peak Hour Roadway Segment Analysis Summary - Build Alternative

Littleton Road/Kismet Parkway & NE 24th Avenue Design Year (2040) AM Peak Hour Intersection Operations - Build Alternative							
Intersection Type	Approach	Movement	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	Lane	95% Queue ⁽⁴⁾
Unsignalized with Stop Control for Northbound and Southbound Movements	Eastbound	LT	0.10	9.3	A	LT	50
	Westbound	LT	0.97	89.2	F	LT	225
	Northbound	LT	*	**	F	LT	N/A
		TH & RT	160.91	>10,000.0	F	TH & TH/RT	1,425
		Approach	N/A	N/A	F	Approach	N/A
	Southbound	LT	25.87	>10,000.0	F	LT	825
		TH & RT	224.46	>10,000.0	F	TH & TH/RT	1,250
		Approach	N/A	>10,000.0	F	Approach	N/A
Signalized	Eastbound	LT	0.24	23.2	C	LT	75
		TH	0.80	49.6	D	TH	500
		RT	0.80	50.2	D	RT	475
		Approach	N/A	47.4	D	Approach	N/A
	Westbound	LT	0.82	42.7	D	LT	250
		TH	0.61	40.6	D	TH	350
		RT	0.62	41.6	D	RT	325
		Approach	N/A	41.5	D	Approach	N/A
	Northbound	LT	0.41	31.1	C	LT	100
		TH	0.41	37.0	D	TH	200
		RT	0.74	36.2	D	RT	425
		Approach	N/A	36.0	D	Approach	N/A
	Southbound	LT	0.68	38.1	D	LT	100
		TH	0.80	50.6	D	TH	450
		RT	0.80	51.3	D	RT	400
		Approach	N/A	47.7	D	Approach	N/A
	Intersection	All	N/A	43.3	D	All	N/A

(1) Volume-to-Capacity Ratio

(2) Average Delay (Seconds/Vehicle)

(3) Level of Service

(4) Rounded to the nearest 25 feet (50-foot minimum)

* There is no capacity available for this movement.

**Theoretically, the delay is infinite.

Table 4-4 - Littleton Road/Kismet Parkway & NE 24th Avenue Design Year (2040) AM Peak Hour Intersection Operations - Build Alternative

Littleton Road/Kismet Parkway & NE 24th Avenue Design Year (2040) PM Peak Hour Intersection Operations - Build Alternative							
Intersection Type	Approach	Movement	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	Lane	95% Queue ⁽⁴⁾
Unsignalized with Stop Control for Northbound and Southbound Movements	Eastbound	LT	0.19	11.5	B	LT	50
	Westbound	LT	0.90	50.1	F	LT	250
	Northbound	LT	*	**	F	LT	N/A
		TH & RT	162.94	>10,000.0	F	TH & TH/RT	1,425
		Approach	N/A	N/A	F	Approach	N/A
	Southbound	LT	26.95	>10,000.0	F	LT	850
		TH & RT	88.07	>10,000.0	F	TH & TH/RT	775
		Approach	N/A	>10,000.0	F	Approach	N/A
Signalized	Eastbound	LT	0.57	35.8	D	LT	125
		TH	0.57	45.7	D	TH	300
		RT	0.58	46.4	D	RT	275
		Approach	N/A	43.9	D	Approach	N/A
	Westbound	LT	0.87	41.6	D	LT	425
		TH	0.76	41.0	D	TH	525
		RT	0.76	41.7	D	RT	500
		Approach	N/A	41.4	D	Approach	N/A
	Northbound	LT	0.34	29.7	C	LT	100
		TH	0.85	54.1	D	TH	375
		RT	0.41	26.0	C	RT	225
		Approach	N/A	44.0	D	Approach	N/A
	Southbound	LT	0.84	51.0	D	LT	300
		TH	0.61	45.2	D	TH	275
		RT	0.63	45.8	D	RT	250
		Approach	N/A	47.5	D	Approach	N/A
	Intersection	All	N/A	43.6	D	All	N/A

(1) Volume-to-Capacity Ratio
(2) Average Delay (Seconds/Vehicle)
(3) Level of Service
(4) Rounded to the nearest 25 feet (50-foot minimum)
* There is no capacity available for this movement.
**Theoretically, the delay is infinite.

Table 4-5 - Littleton Road/Kismet Parkway & NE 24th Avenue Design Year (2040) PM Peak Hour Intersection Operations - Build Alternative

The Littleton Road/Corbett Road intersection was initially analyzed as an unsignalized intersection with stop control on the northbound Corbett Road approach. The a.m. and p.m. peak hour unsignalized intersection analysis results are summarized in **Table 4-6** and **Table 4-7**, respectively. The westbound left-turn movement is projected to operate at Level of Service C in the a.m. peak hour and Level of Service B in the p.m. peak hour. The northbound left-turn movement is projected to operate over capacity at Level of Service F during both peak hours. The v/c ratio is projected to be 1.74 in the a.m. peak hour and 1.48 in the p.m. peak hour. These results indicate that unacceptable levels of service are expected to occur on Corbett Road if this T-intersection is unsignalized in the design year. However, this intersection is projected to operate at Level of Service C overall during the a.m. peak hour and at Level of Service B overall during

the p.m. peak hour with the installation of a traffic signal. With the exception of the northbound left-turn movement, all of the individual movements are projected to operate at Level of Service C or better during both peak hours. The northbound left-turn movement is projected to operate at Level of Service D during both peak hours. The results of the signalized intersection analysis are also summarized in **Table 4-6** and **Table 4-7**. The design year signalized intersection geometry that was analyzed includes two through lanes in each direction on Littleton Road, a single left-turn lane on the westbound approach and separate left-turn and right-turn lanes on the northbound Corbett Road approach.

Roundabouts were also analyzed for the Littleton Road/Corbett Road intersection using the SIDRA software and the analysis results are also summarized in **Table 4-6** and **Table 4-7**. A one-lane roundabout with eastbound and northbound right-turn bypass lanes was initially analyzed and the analysis results indicate that the eastbound through lane is projected to operate at Level of Service F with a v/c ratio equal to 1.17 in the a.m. peak hour. In addition, the westbound left-turn/through lane is projected to operate at Level of Service F with a v/c ratio equal to 1.37 in the p.m. peak hour. Based on these results, a two-lane roundabout was also analyzed for this intersection and the analysis results are also summarized in **Table 4-6** and **Table 4-7**. This intersection is projected to operate at Level of Service B overall during both the a.m. and the p.m. peak hours with the implementation of a two-lane roundabout. With the exception of the northbound right-turn movement, all of the individual movements are projected to operate at Level of Service C or better during the a.m. peak hour. The northbound right-turn movement is projected to operate at Level of Service D during the a.m. peak hour. All individual movements are projected to operate at Level of Service B or better during the p.m. peak hour. The recommended design year roundabout geometry includes two through lanes in each direction on Littleton Road, as well as separate left-turn and right-turn lanes on the northbound Corbett Road approach.

The results of the design year analyses conducted for the Littleton Road/Kismet Parkway/NE 24th Avenue and Littleton Road/Corbett Road intersections indicate that two through lanes are needed in each direction at both of these intersections. Although the design year peak hour traffic volumes on the portion of Littleton Road between NE 24th Avenue and Corbett Road are not currently projected to exceed the capacity of a three-lane roadway, a four-lane divided roadway was analyzed for this portion of the study corridor. This improvement is projected to operate at Level of Service B during both peak hours.

Littleton Road & Corbett Road Design Year (2040) AM Peak Hour Intersection Operations - Build Alternative							
Intersection Type	Approach	Movement	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	Lane	95% Queue ⁽⁴⁾
Unsignalized with Stop Control for Northbound Movements	Westbound	LT	0.55	21.9	C	LT	75
	Northbound	LT	1.74	452.6	F	LT	325
		RT	0.81	45.2	E	RT	175
		Approach	N/A	186.2	F	Approach	N/A
Signalized	Eastbound	TH	0.81	27.2	C	TH	500
		RT	0.82	28.0	C	RT	475
		Approach	N/A	27.6	C	Approach	N/A
	Westbound	LT	0.68	21.0	C	LT	125
		TH	0.30	5.5	A	TH	100
		Approach	N/A	9.4	A	Approach	N/A
	Northbound	LT	0.61	39.3	D	LT	150
		RT	0.68	32.3	C	RT	250
		Approach	N/A	34.7	C	Approach	N/A
	Intersection	All	N/A	22.4	C	All	N/A
One-Lane Roundabout with Eastbound and Northbound Right-Turn Bypass Lanes	Eastbound	TH	1.17	104.8	F	TH	2,250
		RT	0.15	4.7	A	RT	50
		Approach	N/A	93.3	F	Approach	N/A
	Westbound	LT	0.88	25.1	D	LT/TH	450
		TH	0.88	25.1	D		
		Approach	0.88	25.1	D	Approach	450
	Northbound	LT	0.32	12.1	B	LT	50
		RT	0.60	20.3	C	RT	75
		Approach	N/A	17.5	C	Approach	N/A
	Intersection	All	N/A	57.9	F	All	N/A
Two-Lane Roundabout	Eastbound	TH	0.68	13.5	B	TH	150
		RT	0.68	13.1	B	TH/RT	150
		Approach	0.68	13.4	B	Approach	N/A
	Westbound	LT	0.43	7.7	A	LT/TH	50
		TH	0.43	7.5	A	TH	50
		Approach	0.43	7.5	A	Approach	N/A
	Northbound	LT	0.40	17.3	C	LT	50
		RT	0.66	25.4	D	RT	75
		Approach	N/A	22.6	C	Approach	N/A
	Intersection	All	N/A	12.8	B	All	N/A

(1) Volume-to-Capacity Ratio

(2) Average Delay (Seconds/Vehicle)

(3) Level of Service

(4) Rounded to the nearest 25 feet (50-foot minimum)

Table 4-6 - Littleton Road & Corbett Road Design Year (2040) AM Peak Hour Intersection Operations - Build Alternative

Littleton Road & Corbett Road Design Year (2040) PM Peak Hour Intersection Operations - Build Alternative							
Intersection Type	Approach	Movement	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	Lane	95% Queue ⁽⁴⁾
Unsignalized with Stop Control for Northbound Movements	Westbound	LT	0.35	12.4	B	LT	50
	Northbound	LT	1.48	319.3	F	LT	325
		RT	0.43	16.3	C	RT	50
		Approach	N/A	148.4	F	Approach	N/A
Signalized	Eastbound	TH	0.52	17.9	B	TH	275
		RT	0.52	18.0	B	RT	250
		Approach	0.52	17.9	B	Approach	N/A
	Westbound	LT	0.55	11.3	B	LT	75
		TH	0.53	8.1	A	TH	200
		Approach	N/A	8.7	A	Approach	N/A
	Northbound	LT	0.62	37.7	D	LT	175
		RT	0.54	28.3	C	RT	200
		Approach	N/A	32.4	C	Approach	N/A
	Intersection	All	N/A	15.1	B	All	N/A
One-Lane Roundabout with Eastbound and Northbound Right-Turn Bypass Lanes	Eastbound	TH	0.62	11.0	B	TH	125
		RT	0.17	4.6	A	RT	50
		Approach	N/A	9.6	A	Approach	N/A
	Westbound	LT	1.37	187.9	F	LT/TH	4,275
		TH	1.37	187.9	F		
		Approach	1.37	187.9	F	Approach	4,275
	Northbound	LT	0.26	8.1	A	LT	50
		RT	0.33	9.2	A	RT	50
		Approach	N/A	8.7	A	Approach	N/A
	Intersection	All	N/A	104.9	F	All	N/A
Two-Lane Roundabout	Eastbound	TH	0.43	8.1	A	TH	50
		RT	0.43	7.8	A	TH/RT	50
		Approach	0.43	8.0	A	Approach	N/A
	Westbound	LT	0.67	12.9	B	LT/TH	150
		TH	0.67	12.5	B	TH	150
		Approach	0.67	12.6	B	Approach	N/A
	Northbound	LT	0.27	8.7	A	LT	50
		RT	0.32	8.7	A	RT	50
		Approach	N/A	8.7	A	Approach	N/A
	Intersection	All	N/A	10.6	B	All	N/A

(1) Volume-to-Capacity Ratio

(2) Average Delay (Seconds/Vehicle)

(3) Level of Service

(4) Rounded to the nearest 25 feet (50-foot minimum)

Table 4-7 - Littleton Road & Corbett Road Design Year (2040) PM Peak Hour Intersection Operations - Build Alternative

Table 4-8 and **Table 4-9** summarize the results of the a.m. and p.m. peak hour design year analyses conducted for the Littleton Road/US 41 signalized intersection. The recommended design year intersection geometry includes the following:

- Eastbound Littleton Road – One left-turn lane, two through lanes and one right-turn lane
- Westbound Littleton Road – One left-turn lane, one through lane and one shared through/right-turn lane
- Northbound US 41 – Two left-turn lanes, three through lanes and one right-turn lane
- Southbound US 41 – One left-turn lane, two through lanes and one right-turn lane

With this geometry, the intersection is projected to operate at Level of Service E overall during both peak hours. In addition, all of the individual movements are projected to have v/c ratios less than 1.00. Although all of the movements are projected to operate under capacity, there are several movements that are projected to operate at Level of Service F (due to estimated delays greater than 80.0 seconds per vehicle). These larger delay values are due to the long cycle lengths that were used to conduct the a.m. and p.m. peak hour analyses (i.e., 160 seconds and 200 seconds, respectively). However, it should be noted that all of the individual movement delays are projected to be significantly lower than the overall cycle lengths which indicates that all of the movements should clear the intersection within one signal cycle during a majority of the peak hours.

In recognition of the possibility that the west leg of the Littleton Road/US 41 intersection could be improved earlier than the other three legs of this intersection, additional analyses were conducted to determine the approximate year when the capacity of this intersection would be exceeded if improvements were only constructed on the west leg. The geometry that was analyzed for the eastbound Littleton Road approach consisted of one left-turn lane, one through lane and one right-turn lane. These analyses were conducted using interim year peak hour volumes that were derived by interpolating between the 2017 and 2040 peak hour volumes. The results of these analyses indicate that if no additional improvements are constructed on the east, north and south legs of this intersection, it could potentially reach capacity as early as 2027. These analysis results are also summarized in **Table 4-8** and **Table 4-9**.

It should be noted that the total 2027 peak hour intersection entering volumes are significantly higher than the 2017 peak hour volumes. The 2027 a.m. peak hour entering volume is approximately 78.5% higher than the 2017 a.m. peak hour entering volume, while the 2027 p.m. peak hour entering volume is approximately 63.6% higher than the 2017 p.m. peak hour entering volume. These 2027 peak hour volumes reflect average growth rates between 6.36% per year and 7.85% per year and assume that traffic will increase at a constant linear rate. However, it is probably more likely that the growth in peak hour volumes will be lower in the short-term future time period (i.e., 2017 to 2027) and much higher in the long-term future time period (i.e., 2028 to 2040). If this occurs, the need for additional geometric improvements on the other three legs of the Littleton Road/US 41 intersection could be much later than 2027.

Littleton Road & US 41 Design Year (2040) AM Peak Hour Intersection Operations - Build Alternative							
Intersection Type	Approach	Movement	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	Lane	95% Queue ⁽⁴⁾
Signalized Design Year (2040) Required Geometric Improvements (All Four Intersection Approaches)	Eastbound	LT	0.47	34.4	C	LT	175
		TH	1.00	84.7	F	TH	850
		RT	0.56	37.7	D	RT	425
		Approach	N/A	68.9	E	Approach	N/A
	Westbound	LT	0.95	95.1	F	LT	350
		TH	0.65	51.1	D	TH	475
		RT	0.65	51.3	D	RT	450
		Approach	N/A	62.3	E	Approach	N/A
	Northbound	LT	0.52	68.0	E	LT	175
		TH	0.96	73.0	E	TH	675
		RT	0.37	36.0	E	RT	275
		Approach	N/A	67.6	E	Approach	N/A
	Southbound	LT	0.79	78.8	E	LT	375
		TH	0.95	66.4	E	TH	725
		RT	0.27	30.1	C	RT	200
		Approach	N/A	64.3	E	Approach	N/A
	Intersection	All	N/A	66.1	E	All	N/A
Signalized Interim Year (2027) Geometric Improvements (Eastbound Intersection Approach Only)	Eastbound	LT	0.30	30.6	C	LT	100
		TH	0.97	79.3	E	TH	975
		RT	0.39	32.2	C	RT	275
		Approach	N/A	62.1	E	Approach	N/A
	Westbound	LT	0.94	95.3	F	LT	400
		TH	0.64	45.3	D	TH/RT	500
		RT	0.64	45.3	D		
		Approach	N/A	61.2	E	Approach	N/A
	Northbound	LT	0.68	49.2	D	LT	150
		TH	0.72	49.3	D	TH	550
		RT	0.29	31.1	C	RT	225
		Approach	N/A	46.3	D	Approach	N/A
	Southbound	LT	0.50	38.0	D	LT	125
		TH	0.98	76.2	E	TH	850
		RT	0.20	30.8	C	RT	150
		Approach	N/A	68.7	E	Approach	N/A
	Intersection	All	N/A	59.7	E	All	N/A

(1) Volume-to-Capacity Ratio
 (2) Average Delay (Seconds/Vehicle)
 (3) Level of Service
 (4) Rounded to the nearest 25 feet (50-foot minimum)

Table 4-8 - Littleton Road & US 41 Design Year (2040) AM Peak Hour Intersection Operations - Build Alternative

Littleton Road & US 41 Design Year (2040) PM Peak Hour Intersection Operations - Build Alternative							
Intersection Type	Approach	Movement	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	Lane	95% Queue ⁽⁴⁾
Signalized Design Year (2040) Required Geometric Improvements (All Four Intersection Approaches)	Eastbound	LT	1.01	137.0	F	LT	475
		TH	0.48	50.0	D	TH	450
		RT	0.24	27.7	C	RT	225
		Approach	N/A	61.7	E	Approach	N/A
	Westbound	LT	0.63	41.7	D	LT	300
		TH	0.97	91.5	F	TH	1,200
		RT	0.98	93.9	F	RT	1,125
		Approach	N/A	85.1	F	Approach	N/A
	Northbound	LT	0.69	84.0	F	LT	350
		TH	0.85	64.0	E	TH	800
		RT	0.35	38.4	D	RT	325
		Approach	N/A	64.6	E	Approach	N/A
	Southbound	LT	0.65	98.6	F	LT	200
		TH	0.93	82.5	F	TH	775
		RT	0.28	46.5	D	RT	250
		Approach	N/A	79.7	E	Approach	N/A
	Intersection	All	N/A	72.9	E	All	N/A
Signalized Interim Year (2027) Geometric Improvements (Eastbound Intersection Approach Only)	Eastbound	LT	0.86	94.8	F	LT	225
		TH	0.47	44.8	D	TH	475
		RT	0.18	28.5	C	RT	175
		Approach	N/A	52.3	D	Approach	N/A
	Westbound	LT	0.44	34.6	C	LT	225
		TH	1.03	101.8	F	TH/RT	1,450
		RT	1.03	101.8	F		
		Approach	N/A	88.4	F	Approach	N/A
	Northbound	LT	1.03	129.6	F	LT	550
		TH	0.95	79.4	E	TH	1,025
		RT	0.26	38.9	D	RT	250
		Approach	N/A	82.2	F	Approach	N/A
	Southbound	LT	0.44	53.0	D	LT	150
		TH	0.95	84.3	F	TH	925
		RT	0.21	43.0	D	RT	200
		Approach	N/A	78.5	E	Approach	N/A
	Intersection	All	N/A	78.1	E	All	N/A

(1) Volume-to-Capacity Ratio

(2) Average Delay (Seconds/Vehicle)

(3) Level of Service

(4) Rounded to the nearest 25 feet (50-foot minimum)

Table 4-9 - Littleton Road & US 41 Design Year (2040) PM Peak Hour Intersection Operations - Build Alternative

The remaining seven intersections located between Corbett Road and US 41 were all analyzed as unsignalized intersections with the Build Alternative and the design year peak hour analysis results are summarized in **Table 4-10**. All of the eastbound and westbound left-turn movements on Littleton Road are projected to operate at Level of Service C or better during both peak hours. With three exceptions, all of the northbound and southbound left-turn and right-turn movements are projected to operate at Level of Service E or better during both peak hours. Although three cross street movements are projected to operate at Level of Service F during one of the two peak hours, none of these movements are projected to be overcapacity. The v/c ratios associated with these three movements are projected to range from 0.41 to 0.87. It should also be noted that the design year a.m. peak hour 95th-percentile queue for the northbound left-turn movement at Hutto Road is estimated to be four vehicles in length and is not expected to extend back to the Littleton Elementary School parking lot driveway. Therefore, access to and from the school is not expected to be negatively impacted if this existing intersection were to remain unsignalized in the design year. **Figure 4-1** depicts the design year intersection laneage throughout the Littleton Road study corridor. All of the 2040 Build Alternative traffic analysis summary sheets are provided in **Appendix F**.

Design Year (2040) Peak Hour Unsignalized Intersection Analysis Summary - Build Alternative								
Intersection	Approach	Movement	AM Peak Hour			PM Peak Hour		
			V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾	V/C ⁽¹⁾	Delay ⁽²⁾	LOS ⁽³⁾
Littleton Road & Hutto Road	Westbound	LT	0.03	17.6	C	0.01	10.0	A
	Northbound	LT	0.67	79.2	F	0.02	33.2	D
	Northbound	RT	0.12	38.7	E	0.01	16.4	C
Littleton Road & Elementary School Driveway	Westbound	LT	0.22	15.9	C	0.02	10.0	B
	Northbound	LT/RT	0.87	95.9	F	0.14	32.8	D
Littleton Road & Nicklaus Boulevard	Northbound	LT/RT	0.06	32.8	D	0.06	27.1	D
Littleton Road & Horizon Boulevard	Eastbound	LT	0.01	10.2	B	0.05	13.9	B
	Southbound	LT	0.26	43.9	E	0.41	52.6	F
	Southbound	RT	0.02	17.1	C	0.14	32.7	D
Littleton Road & Palmer Boulevard	Westbound	LT	0.04	13.7	B	0.05	10.3	B
	Northbound	LT	0.08	37.8	E	0.20	43.7	E
	Northbound	RT	0.14	34.6	D	0.10	17.6	C
Littleton Road & Windmill Road	Eastbound	LT	0.01	10.2	B	0.03	13.8	B
	Southbound	LT/RT	0.33	42.4	E	0.27	44.2	E
Littleton Road & Serendipity Boulevard	Westbound	LT	0.03	13.9	B	0.05	10.3	B
	Northbound	LT	0.11	45.0	E	0.20	43.7	E
	Northbound	RT	0.07	16.6	C	0.10	17.6	C

(1) Volume-to-Capacity Ratio
 (2) Average Delay (Seconds/Vehicle)
 (3) Level of Service

Table 4-10 - Design Year (2040) Peak Hour Unsignalized Intersection Analysis Summary - Build Alternative

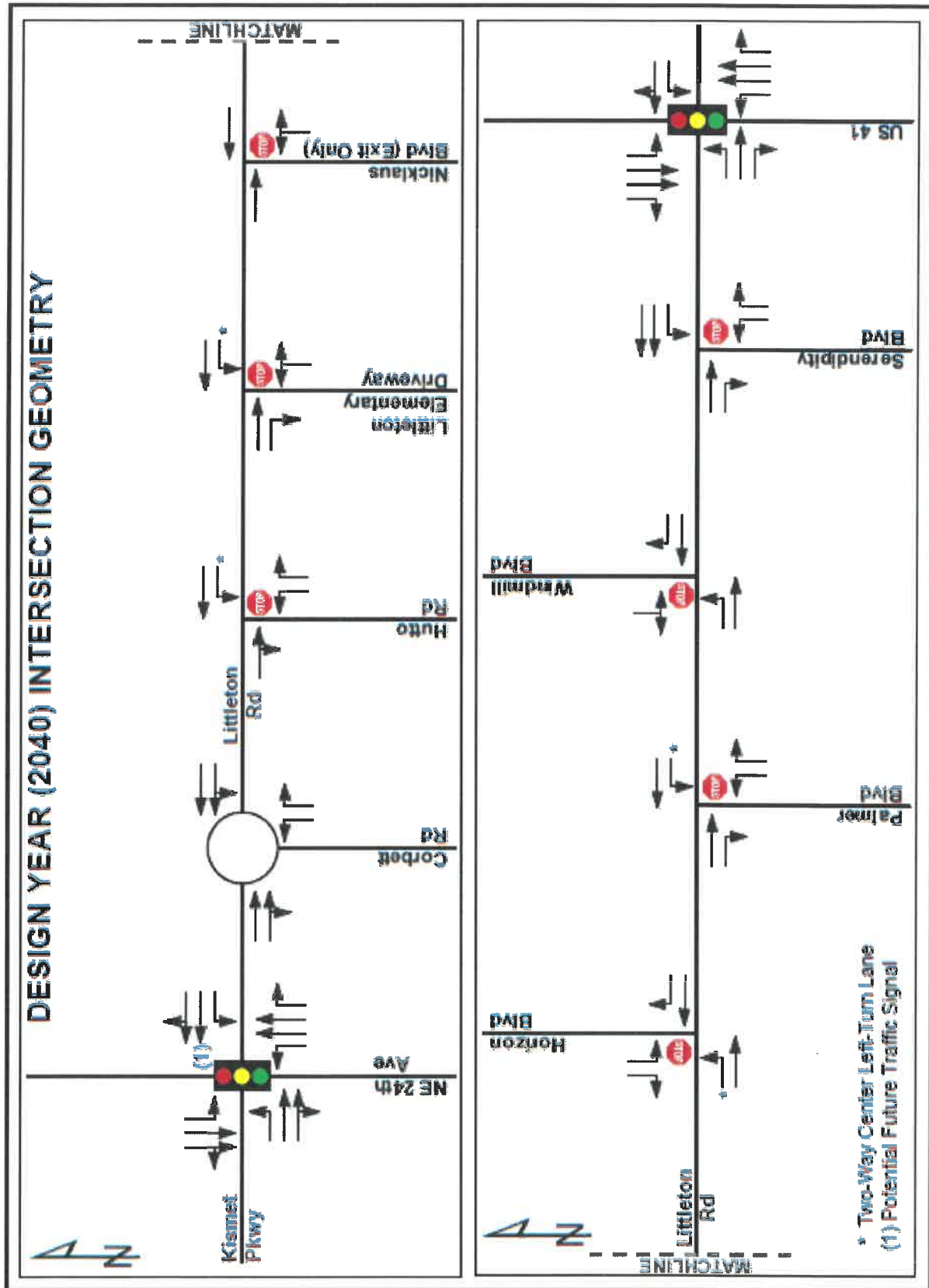


Figure 4-1 - Design Year (2040) Intersection Geometry

5.0 SUMMARY

Lee County is conducting a study to evaluate the costs and impacts of improving Littleton Road from NE 24th Avenue to US 41, a distance of approximately 1.5 miles. The improvements that are being evaluated include providing additional capacity on Littleton Road throughout the study corridor as well as realigning the portion of Littleton Road between NE 24th Avenue and Corbett Road (by providing a four-legged intersection with Kismet Parkway at NE 24th Avenue). The existing year (2017) peak hour traffic operations analyses indicate that all roadway segments and intersection movements are operating at Level of Service E or better and a majority of the segments and movements are operating at Level of Service C or better.

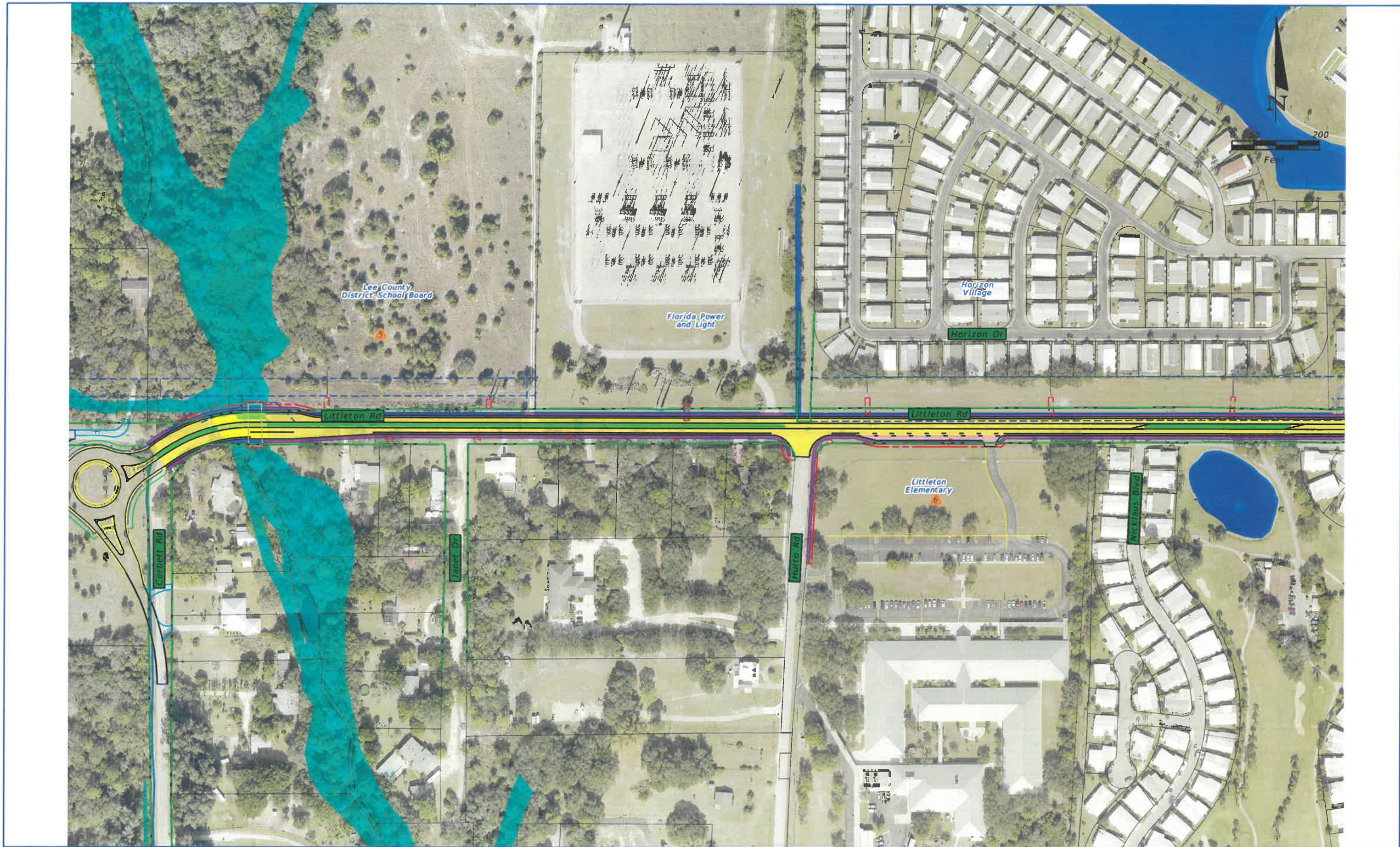
The historic crash data analysis indicates there were 37 crashes within the study corridor between 2012 and 2016. Seven of these crashes resulted in injuries while 30 crashes involved property damage only. The largest number of crashes on Littleton Road occurred at the Windmill Boulevard (6), Corbett Road (5) and Serendipity Boulevard (5) intersections. A majority of the crashes occurred on dry roadway surfaces and during clear daylight hours. Rear-end and angle crashes were the most prevalent types of crashes and represented approximately 24.3% and 13.5% of the total crashes, respectively.

Design year (2040) daily traffic volumes were obtained by using the FDOT District One travel demand model. Design year peak hour intersection volumes were subsequently derived using K- and D-factors associated with several Lee County permanent count stations, as well as existing peak hour turning movement percentages. These peak hour volumes were used to conduct traffic operations analyses for both the No-Build Alternative (i.e., existing roadway and intersection laneage) and the Build Alternative (i.e., additional roadway and intersection laneage).

The results of the design year (2040) No-Build Alternative peak hour traffic operations analyses indicate the need for additional geometric improvements within the study corridor. The portion of Littleton Road between Corbett Road and US 41 is projected to operate at Level of Service F during both the a.m. and p.m. peak hours. In addition, each of the 11 intersections that was analyzed was projected to have at least one movement operating at Level of Service F. The results of the 2040 Build Alternative peak hour traffic operations analyses indicate that a three-lane typical section (i.e., one through lane in each direction and a two-way center left-turn lane) will provide sufficient capacity to allow the portion of Littleton Road between Corbett Road and US 41 to operate at Level of Service E during both peak hours analyzed. The results of the 2040 Build Alternative peak hour traffic operations analyses also indicate that two through lanes are needed in each direction at both the realigned Littleton Road/Kismet Parkway/NE 24th Avenue signalized intersection and the Littleton Road/Corbett Road roundabout intersection. Consequently, a four-lane divided roadway was analyzed for the realigned portion of Littleton Road between these two intersections. This improvement is projected to operate at Level of Service B in the design year. The 2040 Build Alternative peak hour traffic operations analyses conducted for the Littleton Road/US 41 intersection indicate that additional geometry will be needed at this existing signalized intersection to provide Level of Service E operations overall. However, these improvements will require additional widening of Littleton Road on the east side of US 41, as well as the provision of dual northbound left-turn lanes on US 41.

APPENDIX B

Recommended Alternative Concept Plans



- | | | |
|---------------------|---------------------|------------------------------|
| — PROPERTY LINE | DEDICATED TURN LANE | POTENTIAL CONTAMINATION SITE |
| — EXISTING R/W LINE | PROPOSED MEDIAN | SURFACE WATERS |
| — PROPOSED R/W LINE | PROPOSED SIDEWALK | WETLANDS |
| — EASEMENT LINE | PROPOSED ROADWAY | |

AIM ENGINEERING & SURVEYING, INC.
3802 CORPOREX PARK DRIVE STE. 225
TAMPA, FLORIDA 33619
TELEPHONE (888) 627-4144
AIM CERTIFICATE OF AUTHORIZATION NO. 3114



1500 MONROE STREET
(239) 479-8900

DEPARTMENT
OF
TRANSPORTATION
FORT MYERS, FLORIDA 33901

SUSERS

SDATES

STIMES

SFILES

THREE LANE ALTERNATIVE

SHEET NO.

1



- | | | |
|---------------------|-------------------|------------------------------|
| — PROPERTY LINE | PROPOSED ENTRANCE | POTENTIAL CONTAMINATION SITE |
| — EXISTING R/W LINE | PROPOSED MEDIAN | SURFACE WATERS |
| — PROPOSED R/W LINE | PROPOSED SIDEWALK | |
| - - - EASEMENT LINE | PROPOSED ROADWAY | |

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 TAMPA, FLORIDA 33619
 TELEPHONE (888) 627-4144
AIM CERTIFICATE OF AUTHORIZATION NO. 3114



1500 MONROE STREET
 (813) 479-8900

DEPARTMENT
 of
 TRANSPORTATION
 FORT MYERS, FLORIDA 33901

3 LANE ALTERNATIVE

SHEET NO.

2

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- | | | |
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| — PROPERTY LINE | PROPOSED ENTRANCE | POTENTIAL CONTAMINATION SITE |
| — EXISTING R/W LINE | PROPOSED MEDIAN | SURFACE WATERS |
| — PROPOSED R/W LINE | PROPOSED SIDEWALK | |
| - - - EASEMENT LINE | PROPOSED ROADWAY | |

AIM ENGINEERING & SURVEYING, INC.
 3802 CORPOREX PARK DRIVE STE. 225
 TAMPA, FLORIDA 33619
 TELEPHONE (888) 627-4144
AIM CERTIFICATE OF AUTHORIZATION NO. 3114



1500 HOWARD STREET
 (813) 475-8900

DEPARTMENT
 of
 TRANSPORTATION
 FORT MYERS, FLORIDA 33901

3 LANE ALTERNATIVE

SHEET NO.

3

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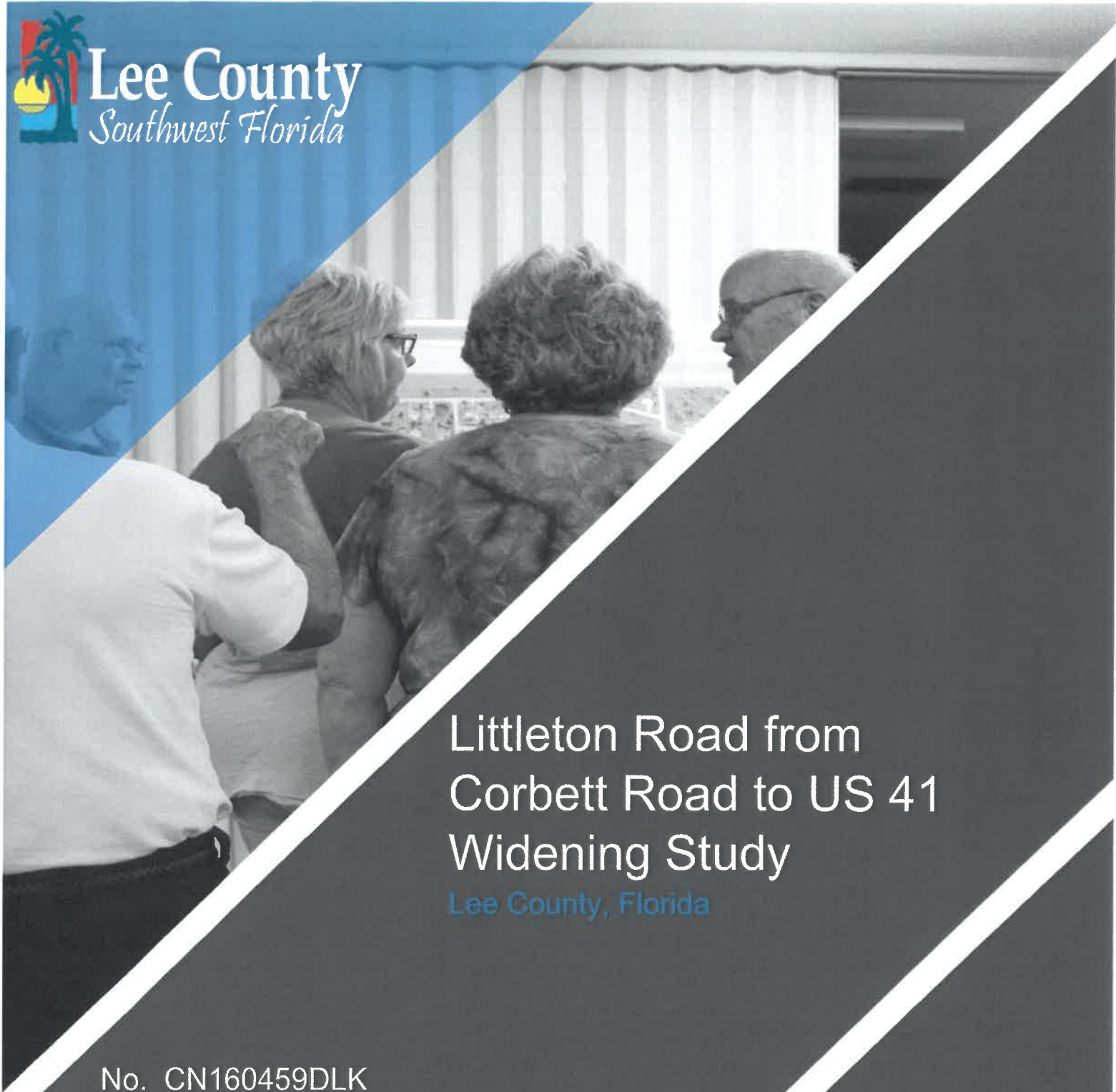
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APPENDIX C

Public Meeting Technical Memorandum



Lee County
Southwest Florida



Littleton Road from Corbett Road to US 41 Widening Study

Lee County, Florida

No. CN160459DLK

Technical Memorandum

Public Meeting

October 18, 2018

Littleton Road from Corbett Road to US 41 Widening Study

Lee County, Florida

No. CN160459DLK

Technical Memorandum Public Meeting – October 18, 2018

**Submitted to:
Lee County Department of Transportation**

**Submitted by:
Cella Molnar & Associates, Inc.**

November 2018

Littleton Road from Corbett Road to US 41 Widening Study Lee County, Florida

Public Meeting

The Lee County Department of Transportation, held a public meeting on October 18, 2018, at the Northside Baptist Church Worship Center at 8250 Littleton Road, North Fort Myers, Florida for the Littleton Road Widening from Corbett Road to US 41 Widening Study.

A newsletter announcing the public meeting was mailed to property owners in the vicinity of the project area. The newsletter and mailing list are provided in Appendix A. An email with the newsletter as an attachment was sent to elected officials and local agencies to notify them about the public meeting. The meeting was advertised in the *News Press*. A media release was sent to all local media. The email distribution lists, advertisement and press release are provided in Appendix B.

A total of 92 attendees signed in at the registration table. Members of the public were provided a meeting handout, comment form, and an evaluation matrix upon arrival. Displays of the design were available for review and project representatives answered questions and discussed the project. The sign-in sheets and handouts are provided in Appendix C. The displays presented at the meeting are provided in Appendix D.

Members of the public were provided comment forms at the meeting in order to have their opinion recorded as public record. The public was also able to submit their comments or mail them in until November 1, 2018 to the email address and mailing address provided on the comment forms. There were a total of 17 written comments received from the meeting. A summary of the comments follows. All comments are contained in this memorandum and are a part of the public meeting record. Copies of written comments are provided in Appendix E.

Comment Summary

- No changes and allow drivers to continue to access the existing roads (Kismet, Diplomat, Hancock Bridge)
- Turn lanes needed
- Sidewalks on both sides of road, especially along Horizon Village and Serendipity
- No new medians west of Hutto Road
- Stop dump trucks on Littleton Road
- Concern over increase of traffic volume
- Has a sound barrier been considered for residents along Littleton Road and for those in the Horizon Village?
- How will this be paid for? Will taxes increase?
- Will the drainage be affected?
- The west gate of Six Lakes is exit only and should allow a left turn to proceed west
- Request for a school speed zone limit signs on Littleton Road

Summary

The public meeting was advertised consistent with federal and state requirements and was conducted consistent with the Americans with Disabilities Act of 1990.

This meeting was held to give all interested people the right to understand the project and give their comments to the Lee County Department of Transportation. Public participation at the meeting was solicited without regard to race, color, religion, sex, age, national origin, disability or family status.

APPENDIX A

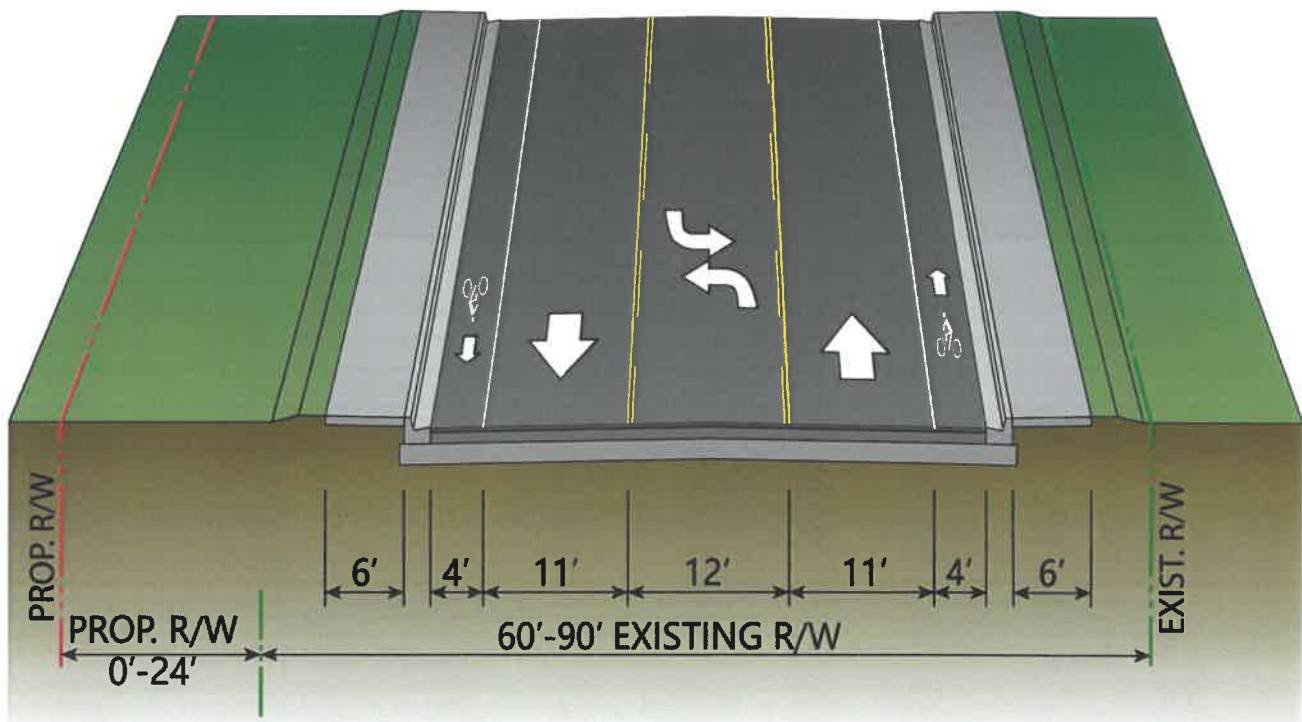
Littleton Road from Corbett Road to US 41 Widening Study

Newsletter 1

REVISED October 2018

Lee County is developing and evaluating the widening of Littleton Road from east of Corbett Road to US 41. The widening of Littleton Road is on the Lee County Metropolitan Planning Organization's 2040 Long Range Transportation Plan to be widened to four lanes. After a detailed traffic analysis it was determined that a three lane roadway, one lane in each direction with a center turn lane (with landscape planting islands), would satisfy the traffic demand. As part of the proposed design, landscape planting islands will be interspersed into the center turn lane to limit the lane usage to that of a left turn lane.

This project will tie into the future Kismet Parkway/Littleton Road Realignment project that is now under design.



The typical section or what the road would look like includes one 11-foot-wide lane in each direction with a 12-foot-wide center turn lane. The roadway design also includes 4-foot-wide bike lanes and 6-foot-wide sidewalks on both sides of the roadway. The design will limit the amount of additional right-of-way that may be required.



Lee County Department of Transportation
P.O. Box 398
Fort Myers, FL 33902

Littleton Road from Corbett Road to US 41 Widening Study

Join us for a Public Meeting

Date: Thursday, October 18, 2018

Time: 5 p.m. to 6:30 p.m.

Location: Northside Baptist Church
Worship Center
8250 Littleton Road
North Fort Myers, FL 33903



We urge you to participate in this study and invite your comments and questions. Please contact:

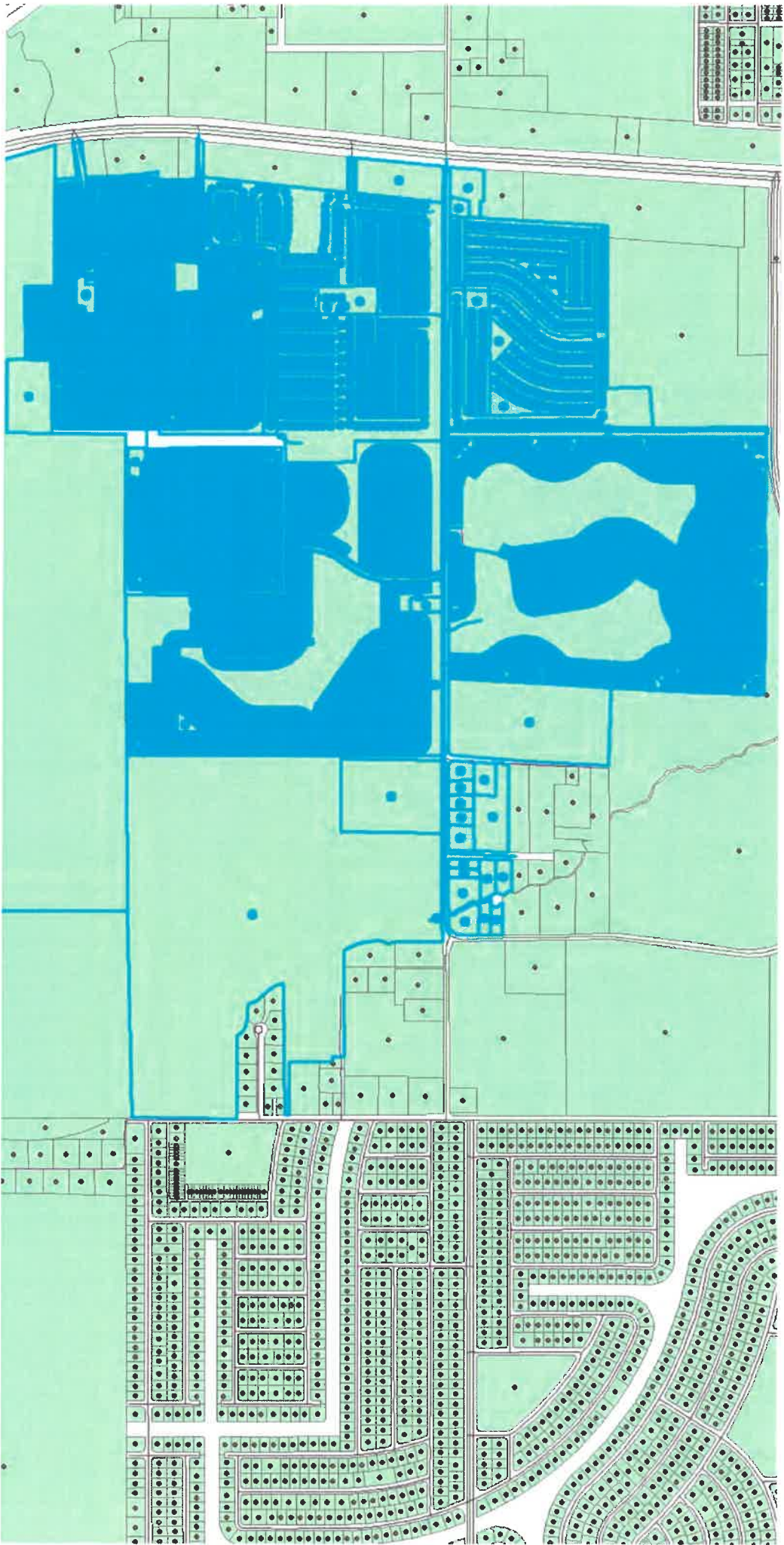
Kris Cella

Cella Molnar & Associates, Inc.

1631 Hendry Street

Fort Myers, FL 33901

(239) 337-1071 | kcella@cella.cc



28432401000270100	BOHLMAN GERALD H + MARY J	9253 CALOOSA DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
274324020002020000	BOLLIGER EUGENE	16024 TANGELO WAY	CAPT CORAL	FL	33915	MOBILE HOME AND RV CONDOMINIUMS
274324020002010100	BOOGREN JOHN M + ROXANNE K	3371 GALAXY WAY	HAWANO	FL	33915	MOBILE HOME AND RV CONDOMINIUMS
28432401000230100	BORDELEAU PAUL A +	9042 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
274324020002002000	BORROSS SUZAN K	568 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020002010000	BOROWITZ FELIX R + JUDITH A	7445 RED MAPLE PL	ESTERVILLE	OH	44082	MOBILE HOME AND RV CONDOMINIUMS
2843240300000000400	BOUCHARD EDWARD R	360 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
3343240100000000400	BOWERS MARK ALLEN +	435 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
3343240100000000400	BOWGREN RONALD D + MANCY S +	442 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743241300000000000	BOYDEN JEAN M + E	3163 PLUTO CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
3343240100000000000	BOYER BARBARA G TR	98 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324020000070100	BRADLEY DAVID O + BETTY A	3448 CELESTIAL WAY	FLMA	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2843240300000000300	BRADLEY MARLIN +	328 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240200000000000	BRENNAN SARA J TR	3354 RAINBOW LN	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020002010000	BRESLER FRANK A + ANNETTE J	3366 RAINBOW LN	VENATCHEE	WA	98021	CO-OPERATIVE
2843240300000000400	BREWER JOHN + DONNA	489 HORIZON DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
2743241300000000300	BRICKNER LAURENT J + VICKIE S	9244 CALOOSA DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002070100	BRICCO JOHN D + LUCRECIA G TR	9279 DESOTO DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002070100	BRICCO JOHN D + LUCRECIA G TR	9281 DESOTO DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002070100	BRINKER DONALD T	418 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000400	BROCKMILLER LEE	418 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
3343240100000000500	BRODLOCK JAMES C +	580 HOGAN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
3343240300000000700	BROOKSON THOMAS A + COLEEN M	266 LAKESIDE DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000600	BROWN DANAL B + DONNALEE	3049 SATURN CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000500	BROWN BRUCE W + ROBIN A	375 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324130000010000	BROWN GARY MITCHEL +	240 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324130000010000	BROWN PEGGY J +	3058 SKY VILLA LN	FAST PROVIDENCE	RI	02914	CO-OPERATIVE
2843240300000000600	BROWN THELMA	1 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000600	BROOKSHAW JAMES A	177 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000600	BRYANT DENNIS H	3489 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000200	BULLOCK DAVID +	3489 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000200	BULLOCK DAVID +	3489 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000200	BURGESS GARY D A + MARY D	3489 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000200	BURGESS MARY C	3489 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000200	BURKS MARGARET ANN	3380 RAINBOW LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000200	BURKS JENNIE E + TERRILL	595 SUNSHINE LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000500	BURT JAMES H + DANIE E	531 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000500	BURTON LILLAL	3322 RAINBOW LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000200	BUTLER MARIE J TR	341 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000400	BYERS GARY L + SANDRA J	341 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000600	BYERS GARY L + SANDRA J	341 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000600	CAISE MARY A + E	65 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CALDERBANK FRANKIE M + E	3424 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CALLAGHAN THOMAS A +	142 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CALLOSA CONGREGATION OF	701 HUTO RD	NORTH FORT MYERS	FL	33903	CHURCH
2743240300000000000	CALLOSA CONGREGATION OF	EHOWAH'S WITNESSES CAPE CORAL FL INC	NORTH FORT MYERS	FL	33903	CHURCH
2743240300000000000	CAMP JAMES F + KATHLEEN M	439 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000400	CAMPBELL GLORIA +	9252 CALOOSA DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
2843240300000000200	CANAVALE EDNA	9025 ARBOR DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
2843240300000000200	CANNIZZARO JOSEPH M + LINDA	3349 GALAXY WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
27432402000110100	CAPOONE JOSEPH M + CAROL J	185 SUN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
284324030000001800	CARDELLA ROBERTA Y	177 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000700	CAREY ROSELEEN RITA FRANCES	3330 RAINBOW LN	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000000	CARLSON LYN M + RICHARD E	300 HOGAN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000400	CARLOSINO VINCENT JR +	471 DAWN DRIVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000000001500	CAROLINE MAY HALL TRUST	152 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000900	CARPENTER DWIGHT M +	395 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000900	CARPENTER LINDA M	395 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000900	CARPENTER LINDA M	395 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000900	CASE CHARLES J + CLAUDIA D	542 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000900	CATUDAL FRANCES E +	11 MIDDLETON CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2843240300000000900	CAWLEY EDWARD S + CAROL A	9222 BONITA DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
2843240300000000900	CHAPMAN GARY T + CANDIS S	1130 CHICAGO LN	FRIENDSHIP	WI	53934	CO-OPERATIVE
2743240300000000900	CHAPMAN PAUL R TR +	930 PLAINS RD	MASON	MI	48854	CO-OPERATIVE
2743240300000000900	CHATFIELD SCOTT + KATHLEEN M	3100 BREWER RD	MARIETTA	NY	13110	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000900	CHILSON EMMA +	3500 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2843240300000000000	CHRIST SUZANNE R +	9201 BONITA DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
2843240300000000000	CHRISTINE VIOLETTE +	228 LAKESIDE DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CHRYSLER J + JR	3318 RAINBOW LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CLARK CANDY +	441 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CLARK OLIVE M + E	333 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CLARK PEGGY J	3921 SOROKA CR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	CLINE GREGORY A + DONNA L + E	16095 TANGELO WAY	INDIANAPOLIS	IN	46268	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000000	CLINK DONNA M	3488 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000000	COFFIN BARRY K	451 SNEAD DR	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
2743240300000000000	COFFIN JOAN G +	183 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
2743240300000000000	COHEN SHELDON	386 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE

28432403000002900	298 DAWN DR	HORIZON VILLAGE CO-OP INC	CHRISTOPHER L + ANN M PERRY	298 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003000	302 DAWN DR	HORIZON VILLAGE CO-OP INC	PHILIP B MARCOZA	302 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003000	303 DAWN DR	HORIZON VILLAGE CO-OP INC	OYCE M CAMPBELL	303 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003000	305 DAWN DR	HORIZON VILLAGE CO-OP INC	HAROLD R GRAF / JE	305 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003000	307 DAWN DR	HORIZON VILLAGE CO-OP INC	PATRICIA J HOTMER / JE	307 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003100	198 SUN DR	HORIZON VILLAGE CO-OP INC	JOSEPH MCKEOWN	31 DUCK HAWK CT	HACKETTSTOWN	MI	07840	CO-OPERATIVE
28432403000003100	311 DAWN DR	HORIZON VILLAGE CO-OP INC	RAYMOND + GAYLE BICKOWSKI TR	311 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003100	312 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	BRIAN D + BEVERLY B GALVIN	112 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	314 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	GEORGE + DOROTHY KANTARZE TR	114 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	301 DAWN DR	HORIZON VILLAGE CO-OP INC	BERNARD B + MARY F COLLETTI	3208 AMELIA DR	MOHEGAN LAKE	NW	10647	CO-OPERATIVE
28432403000003200	321 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	JIMMA E TIBBETTS / JE	321 SUNSHINE DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	323 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	DANNY R + CHERYL A WINDEATT	324 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	325 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	FRANK W + CLARA M TERRY	324 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	326 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	PATRICIA JESUPEL	326 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	328 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	BARBARA A STEPHENS TR +	931 SUNSET CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	331 SUNSET CIR	HORIZON VILLAGE CO-OP INC	RICHARD C + DAWN M FREDERICK	931 SUNSHINE DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003300	331 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	JOSEPH P + BARBARA A LUCA	933 SUNSHINE DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003300	333 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	STEVEN E + MARY L HORISON	933 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003300	335 SUNSHINE AVE	HORIZON VILLAGE CO-OP INC	CLARENCE J + JUDITH A LINDSTEN	935 SUNRISE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003300	339 SUNRISE AVE	HORIZON VILLAGE CO-OP INC	LUCIA P BECKMAN	939 SUNRISE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003300	554 SUNSHINE LN	HORIZON VILLAGE CO-OP INC	ROBERT + MARGARET ESTERLE JT	34 OVERLOOK RD	PAINESVILLE	OH	14077	CO-OPERATIVE
28432403000003400	340 SUNRISE AVE	HORIZON VILLAGE CO-OP INC	GLEN W + LOIS L STIER	340 SUNRISE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003400	342 SUNRISE AVE	HORIZON VILLAGE CO-OP INC	PETER + LOIS J HATVERSON	341 SUNRISE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003400	344 SUNRISE AVE	HORIZON VILLAGE CO-OP INC	LAWRENCE A + SUSANNE SWEET TR	342 SUNRISE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003400	346 RAINBOW DR	HORIZON VILLAGE CO-OP INC	RICHARD + JOYCE PERRELL ET / E	3420 SABAL SPRINGS BLVD	NORTH FORT MYERS	FL	33917	CO-OPERATIVE
28432403000003400	350 LAKESIDE DR	HORIZON VILLAGE CO-OP INC	CATHY LALLERS	343 BENSHERIE CT	DECATUR	IL	62556	CO-OPERATIVE
28432403000003400	352 SUNSET CIR	HORIZON VILLAGE CO-OP INC	MICHAEL C + THERESA A NAVE	343 BENSHERIE CT	BOUBONNAS	IL	60914	CO-OPERATIVE
28432403000003400	354 SUNSET CIR	HORIZON VILLAGE CO-OP INC	WYATT GUYTON + K COSE	358 W JEFFERSON ST	ACOLLA	IL	61910	CO-OPERATIVE
28432403000003400	356 SUNSET CIR	HORIZON VILLAGE CO-OP INC	MATTHEW A LIND + COWPALEWSKI	358 W JEFFERSON ST	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003400	358 HORIZON DR	HORIZON VILLAGE CO-OP INC	ROY + MARY ELST ONCE	365 HORIZON DR	BRISALEN	PA	19020	CO-OPERATIVE
28432403000003400	366 HORIZON DR	HORIZON VILLAGE CO-OP INC	DORIS + DONALD DAVIES	368 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003400	370 HORIZON DR	HORIZON VILLAGE CO-OP INC	CLARA C HOLZ / JE	370 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003700	371 HORIZON DR	HORIZON VILLAGE CO-OP INC	LEROY + VERNA SCHAU	375 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003700	378 HORIZON DR	HORIZON VILLAGE CO-OP INC	DOROTHY C McFARLAND / E	378 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003800	383 HORIZON DR	HORIZON VILLAGE CO-OP INC	DAVID H + SUSAN D HOWE	382 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003800	388 HORIZON DR	HORIZON VILLAGE CO-OP INC	ROBERT J SIEDERJUNST	383 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003800	385 HORIZON DR	HORIZON VILLAGE CO-OP INC	WANCY E ANDERSON	385 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003900	391 HORIZON DR	HORIZON VILLAGE CO-OP INC	MICHAEL + KAYLENE WEBBER H/W	38588 WOOD RD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003900	387 HORIZON DR	HORIZON VILLAGE CO-OP INC	JOSEPH F + ANNE M ANDERSON	387 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003900	389 HORIZON DR	HORIZON VILLAGE CO-OP INC	WAYNE G + DONNA B AMBROSE	389 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003900	393 HORIZON DR	HORIZON VILLAGE CO-OP INC	PHYLLIS NACE HALE	393 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004000	141 LAKESIDE CIR	HORIZON VILLAGE CO-OP INC	MICHAEL J + MARY KAHLE	395 W ACADIA RD	SPENCERVILLE	OH	45887	CO-OPERATIVE
28432403000004000	399 HORIZON DR	HORIZON VILLAGE CO-OP INC	STUART J + CATHERINE L COOKE	397 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004000	401 SUNSET CIR	HORIZON VILLAGE CO-OP INC	ANET F SIEGEL L/F	399 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004000	401 SUNSET CIR	HORIZON VILLAGE CO-OP INC	RICHARD J + JUNE M MURPHY	401 SUNSET CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004000	411 SUNSET CIR	HORIZON VILLAGE CO-OP INC	DONALD W + JUDITH A CHAMBERS	401 SUNSET CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004100	411 HORIZON DR	HORIZON VILLAGE CO-OP INC	RETA S LANNING	411 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004100	413 HORIZON DR	HORIZON VILLAGE CO-OP INC	LINE M TILSON TR	411 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004100	413 HORIZON DR	HORIZON VILLAGE CO-OP INC	RUTH B PACES	413 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004200	422 HORIZON DR	HORIZON VILLAGE CO-OP INC	JOSEPH C + ROSE M SMITH	420 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004200	424 HORIZON DR	HORIZON VILLAGE CO-OP INC	ALLEN L + ANN M HAUGLAND TR	422 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004200	428 HORIZON DR	HORIZON VILLAGE CO-OP INC	AMUEL J HARRIS	424 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004200	433 RAINBOW DR	HORIZON VILLAGE CO-OP INC	NAN E BIEVILLER	428 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004300	435 RAINBOW DR	HORIZON VILLAGE CO-OP INC	ROGER D + DEBRA G ZUMELL	433 RAINBOW DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004400	446 RAINBOW DR	HORIZON VILLAGE CO-OP INC	MARY KNECHT	436 RAINBOW DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004400	447 HORIZON DR	HORIZON VILLAGE CO-OP INC	PATRICIA J EMERSON	446 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004500	450 RAINBOW DR	HORIZON VILLAGE CO-OP INC	PAUL MAROON + STEPHEN MAROON	447 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004500	454 RAINBOW DR	HORIZON VILLAGE CO-OP INC	RONALD N + LOUI AUBIN	450 RAINBOW DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004500	457 RAINBOW DR	HORIZON VILLAGE CO-OP INC	MARTIN M STOLT	454 RAINBOW DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004500	468 HORIZON DR	HORIZON VILLAGE CO-OP INC	DEAN P + BEVERLY CALLAGHAN TR	457 RAINBOW DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004600	468 DAWN DR	HORIZON VILLAGE CO-OP INC	LEONOR C + MARGARET HUTCHINSON	458 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004700	470 DAWN DR	HORIZON VILLAGE CO-OP INC	LEONOR C + MARGARET HUTCHINSON	468 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004700	472 DAWN DR	HORIZON VILLAGE CO-OP INC	MARGARET MCCOY L/E	468 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004800	482 SUNSET CIR	HORIZON VILLAGE CO-OP INC	RONALD C + STEPHEN J JACKSON	472 DAWN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004800	485 HORIZON DR	HORIZON VILLAGE CO-OP INC	OHNLG + BARBARA JACKSON	472 SUNSET CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004800	489 HORIZON DR	HORIZON VILLAGE CO-OP INC	HOWARD C + SHIRLEY C MACDONALD +	485 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004900	490 HORIZON DR	HORIZON VILLAGE CO-OP INC	LEWIS A GREENE	486 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004900	495 MUSTY LN	HORIZON VILLAGE CO-OP INC	GEORGE B MATALIA	486 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000004900	497 MUSTY LN	HORIZON VILLAGE CO-OP INC	DALE C WALKER TR	486 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000005000	50 SUNSET CIR	HORIZON VILLAGE CO-OP INC	JOSEPH + MICHELE GAWOR	486 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000005000	132 RAINBOW DR	HORIZON VILLAGE CO-OP INC	CHARLES R + TINA M OWEN	487 MUSTY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000005100	110 SUNSET CIR	HORIZON VILLAGE CO-OP INC	DAVID H + BARBARA A FANNER	500 SUNSET CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000005000	508 RAINBOW DR	HORIZON VILLAGE CO-OP INC	HAROLD E + RUBY L OLSON TR	505 NOLLAR RD	ANN ARBOR	MI	48105	CO-OPERATIVE

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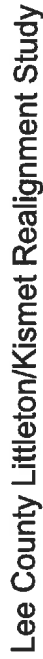
28432401000230000	9018 FLAMINGO CIR	MITCHELL MICHAEL L +	MITCHELL MICHAEL L +	9018 FLAMINGO CIR	NORTH FORT MYERS	FL	34903	MOBILE HOME SUBDIVISION
28432401000270200	9262 DESOTO DR	MITCHELL RANDY T & BONNIE J/E	MITCHELL RANDY T & BONNIE J/E	7590 BROOKS RD	BROWN CITY	MI	48416	MOBILE HOME SUBDIVISION
33432401000038000	384 NICKLAUS BLVD	MOTTLAND IVAR T & ANGELA M	MOTTLAND IVAR T & ANGELA M	184 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324020001000100	334 RAINBOW LN	MOORE ARTHUR L B & SHARON A	MOORE ARTHUR L B & SHARON A	343 RAINBOW LN	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
33432401000033000	334 NICKLAUS BLVD	MOORE MICHAEL W & VIVIAN K	MOORE MICHAEL W & VIVIAN K	343 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000069700	578 HOGAN DR	MOORE-WALTERS GAIL	MOORE-WALTERS GAIL	557 HOGAN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
27432402000110000	3315 GALAXY WAY	MORAN JAMES M + ISABEL A	MORAN JAMES M + ISABEL A	3315 HOGAN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000005500	555 HOGAN DR	MORAN THOMAS HARDING	MORAN THOMAS HARDING	555 HOGAN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
27432402000080000	3520 CELESTIAL WAY	MORGAN DOUGLAS M + HELEN M	MORGAN DOUGLAS M + HELEN M	3520 CELESTIAL WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020000400100	16021 CITRON WAY	MORRISON RONALD C & KAREN S	MORRISON RONALD C & KAREN S	1210 RICHEY RD	PREPOT	OH	43701	MOBILE HOME AND RV CONDOMINIUMS
28432401000302000	3044 FLAMINGO CIR	MORSE ALICE J	MORSE ALICE J	74 PLEASANT HILL ROAD	PREPOT	ME	49032	MOBILE HOME SUBDIVISION
28432401000302000	3052 FLAMINGO CIR	MORSE JUDITH A	MORSE JUDITH A	9602 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
27432402000069200	3465 CELESTIAL WAY	MOSES DAVID D + JANEL	MOSES DAVID D + JANEL	57 WINNERAGO ST	EDGEHARTON	MI	48334	MOBILE HOME AND RV CONDOMINIUMS
33432401000030000	358 RAINBOW LN	MOSKAL JUDITH A TR	MOSKAL JUDITH A TR	358 RAINBOW LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001100	29 CASPER CT	MOUNTS M FERRY TR	MOUNTS M FERRY TR	29 CASPER CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001100	113 SNEAD DR	MULCHER CARRIE L	MULCHER CARRIE L	358 HORIZON DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003500	555 HORIZON DR	MULLINARY LOUIS C &	MULLINARY LOUIS C &	33 ELMWOOD FARM DR	HANDOVER	MA	02339	MOBILE HOME AND RV CONDOMINIUMS
28432401000303600	3144 FLAMINGO CIR	MURPHY CLAUDE E	MURPHY CLAUDE E	3393 RAINBOW LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324020000210100	3333 RAINBOW LN	MURPHY EDWARD R + JANICE A	MURPHY EDWARD R + JANICE A	25 GREENWOOD AVE	PEMBROKE	MA	02359	CO-OPERATIVE
33432401000000200	25 NICKLAUS BLVD	MURPHY EDWARD R & DIANE M	MURPHY EDWARD R & DIANE M	94 ARCHER LN	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
33432401000000900	84 ARCHER LN	MURPHY ELIZABETH +	MURPHY ELIZABETH +	3314 RAINBOW LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
27432402000090000	3314 RAINBOW LN	MURPHY JACQUELINE A J/E	MURPHY JACQUELINE A J/E	47444 WOODLAND DR	BANGOR	MI	49713	MOBILE HOME AND RV CONDOMINIUMS
274324020000210000	13047 TANGULO WAY	MURPHY JOHN T FOREN	MURPHY JOHN T FOREN	PO BOX 34	DENNIS PORT	MA	02659	CO-OPERATIVE
28432403000001300	134 TANGULO CIR	MURPHY THOMAS J & MARCIA R	MURPHY THOMAS J & MARCIA R	580 SUNRISE AVE	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
28432403000005800	581 SUNRISE AVE	MYLES TERESA	MYLES TERESA	7246 FONTANA RIDGE LN	RALEIGH	NC	27713	CO-OPERATIVE
33432401000000000	213 FLAMINGO CIR	NEESE JUDITH B +	NEESE JAMES E - MILLER MARILYN K T/C	540 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000000000	213 PALMER BLVD	NEESE JUDITH B +	NELSON MATTH	1710 CRYSTAL DR	ALBERT LEE	NM	86007	CO-OPERATIVE
27432401000003700	275 NICKLAUS BLVD	NELSON CATHY K + JUDITH	NELSON CATHY K + JUDITH	3555 SKY VILLA LN	NORTH FORT MYERS	FL	33903	VACANT RESIDENTIAL
27432401000003700	275 NICKLAUS BLVD	NELSON RODGERS R +	NELSON STEVEN R	338 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	VACANT RESIDENTIAL
274324130000040100	3156 SATURN CIR	NELSON RODGERS R +	NELSON STEVEN R	545 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000003200	545 SATURN CIR	NEWBORN DONALD R	NEWBORN SCOTT	9065 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000000400	545 PALMER BLVD	NICHOLSON WESLEY E	NICHOLSON WESLEY E	16015 TANGULO WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
28432401000290000	9065 FLAMINGO CIR	NICHOLSON ROBERT +	NICHOLSON ROBERT +	16015 TANGULO WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020002010100	16015 TANGULO WAY	NICKERSON ROBERT +	NICKERSON ROBERT +	457 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324010000004500	457 NICKLAUS BLVD	NOONAN MARILYN P +	NOONAN MARILYN P +	610 SUNSET LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432401000000000	610 SUNSET LN	NORRIS GARY L	NORRIS GARY L	3147 MERCURY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324130000020100	3147 MERCURY LN	NORRIS GARY L	NORRIS GARY L	3147 MERCURY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432401000230200	3083 SKY VILLA LN	NOVAK GARY J	NOVAK GARY J	9046 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	VACANT RESIDENTIAL
28432401000230200	9046 FLAMINGO CIR	NOVAK GARY J	NOVAK GARY J	117 LAKEVIEW DR	LAKEVILLE	PA	18438	MOBILE HOME SUBDIVISION
28432403000003100	131 LAKEVIEW DR	OBERTRIFTER VIRGINIA L	OBERTRIFTER VIRGINIA L	74 SANDERS CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000000700	74 SANDERS CT	OBIEN JOSEPH M	OBIEN JOSEPH M	16051 TANGULO WAY	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324020002012000	16051 TANGULO WAY	OBIEN THOMAS L	OBIEN THOMAS L	16051 TANGULO WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020000800000	3515 CELESTIAL WAY	OBIEN THOMAS L	OBIEN THOMAS L	9082 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002303000	9082 FLAMINGO CIR	O'CALLAGHAN BRUCE +	HANNAN FENEOLE P J/T	9234 CALOOSA DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002160000	9234 CALOOSA DR	O'DONNOR PATRICK + CAROL J	O'DONNOR PATRICK + CAROL J	4782 FAIRFIELD AVE	FAIRFIELD	OH	45044	MOBILE HOME AND RV CONDOMINIUMS
284324020002020000	3431 ORCHARD WAY	DETZEL MARCIA AGNES + JAMES W	DETZEL MARCIA AGNES + JAMES W	9148 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
28432401000230700	9148 FLAMINGO CIR	DOLHAM MELVIN H JR + SANDRA K	DOLHAM MELVIN H JR + SANDRA K	3204 PLUTO CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324130000303000	3204 PLUTO CIR	OLIVER GUILLERMO TORRES &	OLIVER EMILIA ODEBTE	4410 SNEAD DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000004000	4410 SNEAD DR	OLIVER DONALD W & BECKY J	OLIVER DONALD W & BECKY J	25481 DODGE AVE #1	HARBOR CITY	CA	90710	MOBILE HOME AND RV CONDOMINIUMS
28432401000230600	9144 FLAMINGO CIR	OLSEN JAMES E	OLSEN JAMES E	16027 TANGULO WAY	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
27432402000210200	16027 TANGULO WAY	ONEIL TIMOTHY	ONEIL TIMOTHY	3427 ORCHARD WAY	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000050300	3427 ORCHARD WAY	OROWSKI KATHLEEN A +	OROWSKI KATHLEEN A +	23 LONGVIEW RD	CEDAR GROVE	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020002102000	3357 RAINBOW LN	ORNER CARL & CHRISTINE	ORNER CARL & CHRISTINE	3343 GALAXY WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
27432402000110100	3343 GALAXY WAY	OSWALD CATHERINE A +	OSWALD CATHERINE A +	3401 GALAXY WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
27432402000110200	3401 GALAXY WAY	DUELLETT GERARD A +	DUELLETT GERARD A +	174 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000037000	3401 GALAXY WAY	DUELLETT MARYANN	DUELLETT MARYANN	136 SUNSHINE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324030000030300	336 SUNSHINE AVE	OWEN JOANNE V	OWEN JOANNE V	9261 DESOTO DR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324030000028000	2824 DESOTO DR	PACHCO EILEEN P J/T	PACHCO EILEEN P J/T	16013 CITRON WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
274324020000201000	16013 CITRON WAY	PAGLISKA JOHN F + JUDITH A	PAGLISKA JOHN F + JUDITH A	1721 VANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
274324020000201000	1721 VANCEY LN	PALMER DOUGLAS B + CONNA M	PALMER DOUGLAS B + CONNA M	3501 GALAXY WAY	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
27432402000110000	3501 GALAXY WAY	PALMER DOUGLAS B & RIM F	PALMER DOUGLAS B & RIM F	4801 JACKLIN LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000049000	4801 JACKLIN LN	PANOS BERNARD H + SUSAN	PANOS BERNARD H + SUSAN	72 TIBBETS LAKE LN	TRAVERSE CITY	MI	49696	MOBILE HOME SUBDIVISION
28432401000230100	5038 FLAMINGO CIR	PASBY JAMES	PASBY JAMES	65 SUNSET CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
28432403000006000	65 SUNSET CIR	PATTERSON LOYD + EVA	PATTERSON LOYD + EVA	5778 CITRON WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
27432402000210000	16046 CITRON WAY	PAUL JAMES D & ANTONETTE G	PAUL JAMES D & ANTONETTE G	5080 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
284324010002309000	5080 FLAMINGO CIR	PAUL RICHARD + VIRGINIA	PAUL RICHARD + VIRGINIA	84 SUNRISE AVE	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000009000	84 SUNRISE AVE	PAZUNAN-BODYCOMB PETER A	PAZUNAN-BODYCOMB PETER A	36 CASPER CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
284324010000000000	36 CASPER CT	PEACOCK JANEL +	OHNSON JILL	245 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
334324010000002400	245 PALMER BLVD	PECKERS PHILLIP J &	PECKERS PHILLIP J &	114 HORIZON BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
284324030000031100	114 HORIZON BLVD	PEREZ SALVADOR + CANDIDA	PEREZ SALVADOR + CANDIDA	16005 CITRON WAY	NORTH FORT MYERS	FL	33903	MOBILE HOME AND RV CONDOMINIUMS
27432402000210100	16005 CITRON WAY	PERRY ROBERT C + MANCY E	PERRY ROBERT C + MANCY E	7200 REMOOR DR	ERIE	PA	16508	MOBILE HOME SUBDIVISION
27432402000210100	7200 REMOOR DR	PETIT LOUISE A	PETIT LOUISE A	1005 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002306000	9126 FLAMINGO CIR	PETIT DAVID L	PETIT DAVID L	1097 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002306000	9005 FLAMINGO CIR	PETIT DAVID L	PETIT DAVID L	1097 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION
284324010002801100	5097 FLAMINGO CIR	PFEIFER JUANITA L	PFEIFER JUANITA L	1097 FLAMINGO CIR	NORTH FORT MYERS	FL	33903	MOBILE HOME SUBDIVISION

33432401000003000	BUS CRAWFORD LN	SIX LAKES COUNTRY CLUB INC	MICHAEL G + VICKIE L HINSHAW	15261 N STATE ROAD 9	LUMBERTVILLE	IN	46170	CO-OPERATIVE
33432401000001500	153 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	WILLIAM E + DONNA S HILL	153 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	154 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	WILLIAM BECOMAN	154 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	155 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	KAREY J + JENNIFER M DEL DUO	155 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	156 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	GERALD J + ANN M ROBERTS	156 NICKLAUS BLVD	HAMILTON	IN	47412	CO-OPERATIVE
33432401000001500	157 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	DONALD B + PATRICIA ANN THERE	1575 LANE 280 HAMILTON LK	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	158 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	ANTHONY A + ANN DERICO	158 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	159 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	RONALD L + BRENDA D JENKINS	16 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	160 NICKLAUS BLVD	SIX LAKES COUNTRY CLUB INC	WILLIAM E PARSONS + GEORGE	161 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	161 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DALE EBERSBACHER	163 W 102TH PL	WILLAGO	IL	60643	CO-OPERATIVE
33432401000001500	162 YANCEY LN	SIX LAKES COUNTRY CLUB INC	JAMES B + GLORIA J BAER	164 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	163 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + RUTH KAZIMOWSKI	165 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	164 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ERRY CAMP	168 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	165 YANCEY LN	SIX LAKES COUNTRY CLUB INC	JOHN L + PATRICIA L HOPPER	17005 HARRISON ST	LIVONIA	MI	48154	CO-OPERATIVE
33432401000001500	166 YANCEY LN	SIX LAKES COUNTRY CLUB INC	IRGINIA K MASTERS + DAVID KETT	173 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	167 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + MARCIA MILLER	175 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	168 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ROBERT A + CAROLE L JACOBY TR	177 YANCEY LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	169 YANCEY LN	SIX LAKES COUNTRY CLUB INC	HILDA I JOHNSON TR	1804 GLOVY DR	RAND HAVEN	MI	48117	CO-OPERATIVE
33432401000001500	170 YANCEY LN	SIX LAKES COUNTRY CLUB INC	BYRON D + PEGGY OLSON TR	1804 GLOVY DR	BUFFALO	NY	55313	CO-OPERATIVE
33432401000001500	171 YANCEY LN	SIX LAKES COUNTRY CLUB INC	GARY L + CINDY ROBERTS	1840 VALLEY VIEW DR	KOKOMO	IN	46902	CO-OPERATIVE
33432401000001500	172 YANCEY LN	SIX LAKES COUNTRY CLUB INC	MARK + MARJORIE GOODSTEIN	188 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	173 YANCEY LN	SIX LAKES COUNTRY CLUB INC	JOHN B + CLEMENTINA TERNEY	192 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	174 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ROBERT E ODOMA + JILL CHENSON	192 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	175 YANCEY LN	SIX LAKES COUNTRY CLUB INC	JUDITH COUSON + DONNA PARRIS +	197 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	176 YANCEY LN	SIX LAKES COUNTRY CLUB INC	GARY L + FRANCES J STUMMAN	197 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	177 YANCEY LN	SIX LAKES COUNTRY CLUB INC	LUIGIE M LEVIELLE +	202 CLEARVIEW DR	HOUGHTON LAKE	MI	48629	CO-OPERATIVE
33432401000001500	178 YANCEY LN	SIX LAKES COUNTRY CLUB INC	BETH C CHRISTLER TR	204 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	179 YANCEY LN	SIX LAKES COUNTRY CLUB INC	FRYDLY + DONNA L BENNETT TR	204 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	180 YANCEY LN	SIX LAKES COUNTRY CLUB INC	EDWARD W NELSON TR	204 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	181 YANCEY LN	SIX LAKES COUNTRY CLUB INC	MARY M NELSON TR	204 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	182 YANCEY LN	SIX LAKES COUNTRY CLUB INC	CAROL M NELSON TR	204 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	183 YANCEY LN	SIX LAKES COUNTRY CLUB INC	SARAH MARELL JACOBSON TR	210 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	184 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DON A PARRIS	210 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	185 YANCEY LN	SIX LAKES COUNTRY CLUB INC	D NICHOLAN TR + B L NICHOLAN TR	210 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	186 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DIANA C JUDGEON S +	210 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	187 YANCEY LN	SIX LAKES COUNTRY CLUB INC	KRIS B MILLER + MAUREEN MILLER	211 OLYMPIA ST	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	188 YANCEY LN	SIX LAKES COUNTRY CLUB INC	JOSEPH D REES	212 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	189 YANCEY LN	SIX LAKES COUNTRY CLUB INC	MICHAEL P + LINDA AMATUTZ	212 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	190 YANCEY LN	SIX LAKES COUNTRY CLUB INC	JOSEPH JR + DONNA PARRIS	215 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	191 YANCEY LN	SIX LAKES COUNTRY CLUB INC	CARL W + DIANA L BLUE	215 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	192 YANCEY LN	SIX LAKES COUNTRY CLUB INC	VERN + ROSIE KELLEY	215 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	193 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ANNE C KOTCH	215 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	194 YANCEY LN	SIX LAKES COUNTRY CLUB INC	WILLIAM ROBERT SCHREINER	22 BEACH RD	SOUTH KINGSTOWN	RI	02879	CO-OPERATIVE
33432401000001500	195 YANCEY LN	SIX LAKES COUNTRY CLUB INC	WOODS ROBERT + WYNDO WOODS J II	2201 BATTERY PARK RD	CHESAPEAKE	VA	23123	CO-OPERATIVE
33432401000001500	196 YANCEY LN	SIX LAKES COUNTRY CLUB INC	MARTHA L FRITZ + ERIC FRITZ J II	221 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	197 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DORIS S NEUMAN +	225 TREVINO CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	198 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ON + MICHELINA GLINDY	226 TREVINO CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	199 YANCEY LN	SIX LAKES COUNTRY CLUB INC	LARRY L PARKER +	2270 MIDDLEGROUND DR	OWENSBORO	KY	42301	CO-OPERATIVE
33432401000001500	200 YANCEY LN	SIX LAKES COUNTRY CLUB INC	GENEVIEVE H SOSNOWSKI	228 TREVINO CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	201 YANCEY LN	SIX LAKES COUNTRY CLUB INC	PATRICIA M WESTPHAL	23 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	202 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DALE CASSIDY + DENIS CASSIDY J II	23 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	203 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS W + GINA M KRAHR	2304 7TH ST S	MOOREHEAD	FL	33903	CO-OPERATIVE
33432401000001500	204 YANCEY LN	SIX LAKES COUNTRY CLUB INC	RICHARD T POPP + BRUCE MOONAN	23154 S ROCKY PT RD	PICKFORD	MI	49774	CO-OPERATIVE
33432401000001500	205 YANCEY LN	SIX LAKES COUNTRY CLUB INC	EDWARD L + DAWN M ROBERTSON	232 TREVINO CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	206 YANCEY LN	SIX LAKES COUNTRY CLUB INC	MICHAEL W + MARGARET DERKACZ	232 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	207 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ROBERT + CONSTANCE SMITH TR	238 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	208 YANCEY LN	SIX LAKES COUNTRY CLUB INC	PHILIP A DEGRIGORIO + D RUTNAM	239 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	209 YANCEY LN	SIX LAKES COUNTRY CLUB INC	GLORIA ANNE BIKER TR	239 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	210 YANCEY LN	SIX LAKES COUNTRY CLUB INC	M B OKEREFE + J DEVLIN T/C	24 PINE DR	NESCONSET	NY	11767	CO-OPERATIVE
33432401000001500	211 YANCEY LN	SIX LAKES COUNTRY CLUB INC	TERENCE + THERESA BLISS +	241 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	212 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DONALD F HORNING	249 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	213 YANCEY LN	SIX LAKES COUNTRY CLUB INC	DANIEL P PICKWITZ JR	249 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	214 YANCEY LN	SIX LAKES COUNTRY CLUB INC	LARRY J + SUSAN RAILS H W	2510 E 43RD ST	WINGSBORO	MA	01879	CO-OPERATIVE
33432401000001500	215 YANCEY LN	SIX LAKES COUNTRY CLUB INC	RAY S + ROSE ANN PASTERNAK	2510 E 43RD ST	WINGSBORO	MA	01879	CO-OPERATIVE
33432401000001500	216 YANCEY LN	SIX LAKES COUNTRY CLUB INC	ROBERT L + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	217 YANCEY LN	SIX LAKES COUNTRY CLUB INC	RONALD D ENGEL	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	218 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	219 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	220 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	221 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	222 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	223 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	224 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	225 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	226 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	227 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	228 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	229 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	230 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	231 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	232 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	233 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	234 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	235 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	236 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	237 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	238 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	239 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	240 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	241 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	242 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	243 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	244 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	245 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	246 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	247 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	248 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	249 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	250 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	251 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	252 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	253 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	254 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	255 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	256 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	257 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	258 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500	259 YANCEY LN	SIX LAKES COUNTRY CLUB INC	THOMAS + ROSALEE GULNER	252 PALMER BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000001500								

33432401000002700	SIX LAKES COUNTRY CLUB INC	MICHAEL + J CUNNINGHAM TR	274 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002700	SIX LAKES COUNTRY CLUB INC	AUDREY W HAYS +	276 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002700	SIX LAKES COUNTRY CLUB INC	MACY E + SUSAN C OVERSTREET	278 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002800	SIX LAKES COUNTRY CLUB INC	W O SR + SHARON L MALONE	281 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002800	SIX LAKES COUNTRY CLUB INC	JAMES D + AUDREY E SAUER	285 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002800	SIX LAKES COUNTRY CLUB INC	OHN J + THERESA M COUSINS	287 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002800	SIX LAKES COUNTRY CLUB INC	JAMES J + ELIZABETH M RYAN	289 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	ERIC P + LORI A PHILLIPS	290 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	ROBERT F + CHRISTINE SHOCKEY	29033 W BROCKWAY DR	WESTLAKE	OH	44145	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	GEORGE D + BONNIE M DAVIS	291 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	ANSE WEINMANN TR	292 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	RICHARD A ZACH TR	293 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	MAUREN MOTT	297 BOROS DR	FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	JAMES L + JILL K TELLOCK	298 BOROS DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000002900	SIX LAKES COUNTRY CLUB INC	BARBARA J BRADY	299 HOGAN DR	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	CHARLES D BOTHWELL +	3 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	MICHAEL PASCOE III TR	3 STEPHANIE DR	LOVEITY	RI	02816	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	ADA DRAKE	30 WALNUT ST	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	JAMES L + JUDITH SCARRETT	306 CHAMPTON LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	THOMAS + JOYCE T MORRIS	307 CHAMPTON LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	JAMES A + CECILIA A BOLTON	307 ROTH BLVD	LAWSON	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	JANET ANN PETER TR	3074 KINGSTON RD - BOX 250	KINGSTON	MI	48017	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	BERNARD E + SHARON J ROUSE	308 MCKINLEY AVE	NAGARA	MI	48141	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	WEEBER CLARE M	309 CHAMPTON LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	PAUL L + THERESA EPPENDING	31 CASPER CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	FUGERE + BEVERLY SUMMERS	310 CHAMPTON LN	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	BERNARD + DOROTHY WISE	311 CHAMPTON LN	PERIN	IL	61554	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	KATH + JEANNE KRUGER	314 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	CHRISTY D + MARY E BRADLEY	317 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	HONARD S HANSEN JR	318 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	MARY ELORA BURR TR	319 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	GEORGE B MARINES	321 PACIFIC CT	ROUSES POINT	NY	12779	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DONALD N + PENILOPE W JONES	320 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	JOSEPH D + EILEEN KOVATCH	323 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	RATT RONALD W + SYBIL S	324 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	CATHERINE + STEVEN PLUMMER	325 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DONALD W KELLY TR	326 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	JO E T + BARBARA S JONES TR	329 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DENNIS P MAYER	33 CASPER CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	MARILYN A FARISH	33 NORTH CHASE AVE	COLUMBUS	OH	43204	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	KENNETH R + KATHA K HECK	331 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	HEINER + BETTY ANNE WILLMER	334 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	ROBERT M + PATRICIA CRIST	344 COUNTRY ROUTE 57	OSWEGO	NY	13126	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	A J THOMAS + AUDREY THOMAS +	335 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	BRUCE L + WANCY J WOOD	336 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DONALD C + DIANE E TURNES TR	337 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	WILLIS B + JANET A ALTMAN +	338 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	FIRST GENESIS INC	340 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	THOMAS C + PATRICIA KEANE	3404 W HWY 30	GREENWOOD	AR	77336	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	CONRAD + JANET BOUFFARD	342 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	W T SCHEUER + KATHLEEN	3425 ARROYO RD	BROCKFIELD	WI	53045	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	MORGRAVE DAVID F + LINDA L	344 NICKLAUS BLVD	N FT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	RODERICK CYRIEL TR	346 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DON W + JUDITH A ALTMAN	347 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	ROYCE K + DONNA M CLARK	348 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	ROBERT + LINDA ROYCE +	35 TOWN FARM RD	CHESTER	NH	03076	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	AUDREY PRETZEL + JOHN F HMAN	350 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	KATHLEEN M PALS	351 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DONALD + JIM M MAGGARD	351 WILLIAMS ST	MANFIELD	MA	01048	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	NORMAN + SHIRLEY A MUNNINGS	353 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	IMMIE L + FRANCES J DEHAVEN	355 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	RUSSEL N DILG	356 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	RICHARD L + ARNETTE L QUICK	358 MEADOWDALEIGH LN	WATERFORD	MI	48379	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	THOMAS J + GERALDINE C HALL	35 CARSON DRIVE	ELMHRA	NY	14603	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	DAVID H + MARGY L CARTER	362 MIDDLECOFF CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	PAUL E CLARK +	363 MIDDLECOFF CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	ROBERT O + PATRICIA ZACH	360 CASEY RD	METAMORA	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	WYELON + WANDORA	364 MIDDLECOFF CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	GARY SCARLATO	368 MIDDLECOFF CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	WELITA L KUNERT TR	367 MIDDLECOFF CT	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	MERET W GUERNE TRUST	369 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	BARBARA ANN BANNAK BURR	370 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	FREDERICK W DEHNKE TR	372 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE
33432401000003000	SIX LAKES COUNTRY CLUB INC	PETER G HADDEN	372 NICKLAUS BLVD	NORTH FORT MYERS	FL	33903	CO-OPERATIVE

3432401000005100	SIX LAKES COUNTRY CLUB INC	510 CRAMPTON LN	LARRY D + ROSE L SHEREMAN	510 CRAMPTON LN	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	519 HOGAN DR	YALIE G + MCCULLY TR	510A CAMPAU DR	MIDLAND	MI	4840	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	511 CRAMPTON LN	YALIE C + MARIE ALDER	511 CRAMPTON LN	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	515 HOGAN DR	DIANE IVOSIC + DIANE IVOSIC TR	516 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	518 NICOLAUS BLVD	DIANE IVOSIC + DAVID ELLIOTT +	516 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	520 HOGAN DR	WILLIAM + NAN SHEWALTER	520 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	522 HOGAN DR	HUTCHISON WALTER + HELEN TR	522 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	523 HOGAN DR	ROBERT H + PAULINE L STOCKER	523 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	524 HOGAN DR	DONALD R + SHAREN L BETIS	524 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	525 PALMER BLVD	POOLE B JANE	525 PALMER BLVD	UTICA	MI	48316	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	525 PALMER BLVD	YDNEY M VILLOTT	52527 BELLE VERNON	GREENVILLE	OH	45331	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	525 PALMER BLVD	MARVIN H + MARY M BRUMBAUGH	5266 GREENVILLE PALESTINE RD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	529 PALMER BLVD	RICHARD B GRANN + D GRANN J/T	529 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	532 PALMER BLVD	JOYCE O BLOANO	532 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	533 PALMER BLVD	RICHARD J FISHER	533 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	534 PALMER BLVD	LOUIS F + MARILYN J SCALA	534 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	534 PALMER BLVD	M RASKA + J KISHIZE + T SAWYER J/T	534 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	539 PALMER BLVD	MENDZABAL DORIS Z	539 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	54 VENTURI LN	JOHN P + MARIE F MINIEWICZ	54 VENTURI LN	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	541 PALMER BLVD	RICHARD N + BRINDA T DAULTON	541 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	544 PALMER BLVD	GORDON R + ARDITH CLEVELAND TR	544 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	544 PALMER BLVD	CHESTER + JEAN SUJERLAND	551 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	552 PALMER BLVD	EDWARD J + EDNA MC ANDREWS	552 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	553 HOGAN DR	PETER + BRIGIDA E CH	553 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	553 HOGAN DR	RUSSELL N + GAIL MOORE WALTERS	553 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	556 HOGAN DR	CHARLES + BEVERLY SETTLE	553 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	557 HOGAN DR	M POWELL + DONNA MCCLAIN J/T	553 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	558 HOGAN DR	KEITH + HELEN MCCLAIN J/T	553 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	559 HOGAN DR	ROY + ROBIN FLOWER	553 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	560 HOGAN DR	FRANCIS X + JOYCE E MCVEY	560 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	561 HOGAN DR	OAN WALSH-BENNETT TR	560 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	565 HOGAN DR	ANET M AVERY TR	565 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	566 HOGAN DR	S PROTZMAN + T J PROTZMAN J/T	566 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	567 HOGAN DR	M GAIL + GLOVA E ABISHER	567 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	568 PALMER BLVD	LEON NELSON ROBERTS JR TR	568 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	60 CASPER CT	RUSSELL N + GAIL MOORE WALTERS	568 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	574 HOGAN DR	LEON NELSON ROBERTS JR TR	568 PALMER BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	575 HOGAN DR	RUDOLPH J NORDELLIN +	574 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	579 HOGAN DR	CHARLES H + MARYELLEN STEVENS	574 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	58 SNEAD DR	CAROL B FALSON	579 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	581 HOGAN DR	MICHAEL + LORRAINE DESSART	581 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	582 HOGAN DR	RONALD DARGER + CHARLES DARGER	581 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	582 HOGAN DR	JAMES KATT + MARSHA BIGGS J/T	581 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	585 HOGAN DR	SEBASTIAN J + CM SALAFIA	582 HOGAN DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	586 BOROS DR	ANNE M + RICHARD RULE TR	586 BOROS DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	587 BOROS DR	NANCY C SCHWEITZER	587 BOROS DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	589 BOROS DR	DENNIS A + DOROTHY A GRAVES	589 BOROS DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	59 SNEAD DR	ROGER V + LINDIE J GLASSBURN	59 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	592 TREVINO CT	CLAUDIA M MILLER	592 TREVINO CT	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	594 TREVINO CT	KATHRYN BOOT + AMY E WILLIAMS	594 TREVINO CT	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	595 TREVINO CT	DONALD E + SHARRON L SILVERSON	595 TREVINO CT	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	6 NICOLAUS BLVD	EDWARD + JOANN S AGUIATA	6 NICOLAUS BLVD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	86 SNEAD DR	MARY L SPOEL TR	6 SUIRE LN	SANT CHARLES	IL	60174	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	86 SNEAD DR	SANTO + WANDA DERICO	80 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	86 SNEAD DR	PATRICK F + SHIRLEY R SULLIVAN	81 S ELLICOTT ST	WILLIAMSVILLE	NY	14221	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	87 HOGAN DR	DIANA PETERSEN + B COLLEY J/T	81 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	87 HOGAN DR	LEE R + BEVERLY A BRUMBAUGH	8151 HARTZELL RD	GREENVILLE	OH	45311	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	DANIEL L + DEBRA A OREILLY	82 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	JOHN ST JOSEPH TR	83 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	JOYCE + MING Z WALLING	83 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	RUSSELL A + KATHLEEN PHIBELLO	8411 PEPPER CT	ERE	MI	48095	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	RUSSELL A + KATHLEEN PHIBELLO	8428 47TH ST N	ANDALF	PA	16505	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	107 SNEAD DR	DAVID A + JOYCE E	8505 210 DRUMS COVE	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	JOAN T BATES + M E NELSON +	86 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	88 SNEAD DR	DEBRA M SEGGERMAN MA	86 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	89 SNEAD DR	KAREN + LORRAINE LUKSESHHEIDE	86 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	70 SNEAD DR	STUART R + JOYCE E HILL +	70 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	71 SANDERS CT	RALPH W + THELSEA A SPIRAX	71 SANDERS CT	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	244 PALMER BLVD	KENNETH F + JOYCE M FRANZ	724 COUNTY RD 4A	HAMILTON	IN	45402	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	603 JACKLIN LN	STEPHEN F + JOYCE A DEFERRANCE	743 17TH ST NE	MASON CITY	IA	52640	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	47 NICOLAUS BLVD	MARGARET STUBER	751 EGGLESTON RD	ALBUQUERQUE	NM	48102	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	504 CRAMPTON LN	JOHN W + DONNA M LONGRIDGE	751 EGGLESTON RD	CANTON	OH	44702	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	77 SNEAD DR	WILLIAM J + MARY P HOFFMAN	751 PROVINCIAL RD	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	78 SNEAD DR	CLAUDIA A TUSON +	78 SNEAD DR	NORTH FORT MYERS	FL	3903	CO-OPERATIVE
3432401000005100	SIX LAKES COUNTRY CLUB INC	578 PALMER BLVD	EDWARD + SYLVIA MANDERNACK	7895 W 82ND CT	CROWN POINT	IN	45907	CO-OPERATIVE

APPENDIX B

[illegible]



Lee County Littleton/Kismet Realignment Study

AGENCIES

Salutation	First Name	Last Name	Title	Agency	Email
Lee County					
Mr.	Roger	Desjarlais	County Manager	Lee County	rdesjarlais@leegov.com
Mr.	Peter	Winton	Assistant County Manager/Chief Financial Officer	Lee County	Pwinton@leegov.com
Mr.	Richard	Wesch	County Attorney	Lee County	RWesch@leegov.com
Ms.	Betsy	Clayton	Communications Director	Lee County	Bclayton@leegov.com
Mr.	Timothy	Engstrom	Communications Specialist	Lee County	TEngstrom@leegov.com
Mr.	David M.	Loveland, AICP	Director	Lee County - Community Development	DLoveland@leegov.com
Mr.	Marcus	Evans	Senior Engineer	Lee County - Community Development	MEvans@leegov.com
Ms.	Abby	Henderson	Development Planner	Lee County - Community Development	AHenderson@leegov.com
Mr.	Aaron	Martin	Development Planner	Lee County - Community Development	AMartin@leegov.com
Ms.	Jessica	Sulzer	Development Section Manager	Lee County - Community Development	JSulzer@leegov.com
Ms.	Lili	Wu	Sr. Infrastructure Planner	Lee County - Community Development	LWu@leegov.com
Mr.	Andrew	Getch	Infrastructure Section Manager	Lee County - Community Development	AGetch@leegov.com
Ms.	Sharon	Jenkins-Owen	Planning Principal Planner	Lee County - Community Development	SJenkins-Owen@leegov.com
Ms.	Anita	Richards	Planning Senior Planner	Lee County - Community Development	ARichards@leegov.com
Ms.	Mikki	Rozdolski	Planning Section Manager	Lee County - Community Development	MRozdolski@leegov.com
Ms.	Rebecca	Sweigert	Planning Principal Environmental Planner	Lee County - Community Development	RSweigert@leegov.com
Mr.	John	Boland	Director	Lee County - Economic Development	JBoland@leegov.com
Mr.	Robert	Farmer	Director	Lee County - Public Safety	RFarmer@leegov.com
Ms.	Pamela	Keyes	Director	Lee County - Public Utilities	PKeyes@leegov.com
Mr.	Keith	Howard	Director	Lee County - Solid Waste	KHoward@leegov.com
Mr.	Roger	Mercado	Department Director	Lee County - Human Services	RMercado@leegov.com
Mr.	Roland	Ottolini	Division Director	Lee County - Natural Resources	ROttolini@leegov.com
Mr.	Glen	Salver	Interim Director	Lee County - County Lands	GSalver@leegov.com
Mr.	Randy	Cerchie	DOT Director - Public Works	Lee County Department of Transportation (LCDOT)	RCerchie@leegov.com
Mr.	David	Murphy	DOT Deputy Director	Lee County Department of Transportation (LCDOT)	DMurphy@leegov.com
Mr.	Scott	Gannon	Public Works Programs Manager	Lee County Department of Transportation (LCDOT)	vmiller@leegov.com
Mr.	Sebastian	Romano	Public Works Construction Project Manager	Lee County Department of Transportation (LCDOT)	<a href="mailto:Marquardt,Thomas<TMarquardt@leegov.com">Marquardt, Thomas<TMarquardt@leegov.com
Mr.	Robert	Phelan	Senior Engineer	Lee County Department of Transportation (LCDOT)	SRomano@leegov.com
Mr.	Dirk	Danley	Public Works Engineering Project Manager Sr.	Lee County Department of Transportation (LCDOT)	RPhelan@leegov.com
Mr.	Douglas	Padgett, Jr.	Public Works Engineering Project Manager	Lee County Department of Transportation (LCDOT)	DDanley@leegov.com
Mr.	Lee	Werst	Public Works Engineering Project Manager	Lee County Department of Transportation (LCDOT)	DPadgettJr@leegov.com
				Lee County Department of Transportation (LCDOT)	LCWerst@leegov.com

Salutation	First Name	Last Name	Title	Agency	Email
Mr.	Daniel	Kirkpatrick	Public Works Planning Project Manager	Lee County Department of Transportation (LCDOT)	DKirkpatrick@leegov.com
Mr.	Sean	Lingwall	Traffic Engineer	Lee County Department of Transportation (LCDOT)	SLingwall@leegov.com
Mr.	Robert	Carswell	Traffic Engineer	Lee County Department of Transportation (LCDOT)	RCarswell@leegov.com
Mr.	Bryan	Miller	Public Works Traffic Project Manager Sr.	Lee County Department of Transportation (LCDOT)	BMiller@leegov.com
Mr.	Michael	Padgett	Public Works Traffic Project Manager Sr.	Lee County Department of Transportation (LCDOT)	MPadgett@leegov.com
Mr.	Mike	Say	Public Works Traffic Project Manager	Lee County Department of Transportation (LCDOT)	MSay@leegov.com
Mr.	Steve	Myers	Transit Director	Lee County Department of Transportation (LCDOT)	smyers@leegov.com
Mr.	Don	Scott, AICP	Executive Director	Lee County MPO	dscott@leempo.com
Captain	Conner	Cardwell	Southern Region Commander	Florida Highway Patrol	connercardwell@flhsmv.gov
Mr.	Gregory K.	Adkins, Ed.D	Superintendent	Lee County School Board	GregAD@leeschools.net
Ms.	Ellen	Lucas	Assistant Director Transportation East Zone	Lee Schools Transportation	EllenCL@leeschools.net
Ms.	Roger	Lloyd	Assistant Director Transportation South Zone	Lee Schools Transportation	RogerWL@leeschools.net
Mr.	James	Buchanan	Assistant Director Transportation West Zone	Lee Schools Transportation	JamesLB@leeschools.net
City of Cape Coral					
Ms.	Pearl	Taylor	Legislative Executive Assistant	City of Cape Coral	ptaylor@capecoral.net
Mr.	John	Szeriag	City Manager	City of Cape Coral	jszeriag@capecoral.net
Ms.	Dolores D.	Menendez	City Attorney	City of Cape Coral	dmenendez@capecoral.net
Ms.	Rebecca	Van Deutekom	City Clerk	City of Cape Coral	chvclik@capecoral.net
Mr.	William	Corbett, P.E., PTOE	City Traffic Engineer	City of Cape Coral - Engineering	wcorbett@capecoral.net
Mr.	Charlie	Kruvelis	Traffic Operations Supervisor	City of Cape Coral - Engineering	ckruvelis@capecoral.net
Mr.	Vincent A.	Cautero	Community Development Director	City of Cape Coral - Community Development	vcautero@capecoral.net
Mr.	Paul	Clinghan, P.E.	Public Works Director	City of Cape Coral - Public Works	pclinghan@capecoral.net
Mr.	Jeff	Pearson	Utilities Director	City of Cape Coral - Utilities	jpearson@capecoral.net
Ms.	Persides	Zambrano, AICP	Manager	City of Cape Coral - Planning and Permitting	pzambrano@capecoral.net
Ms.	Connie	Jarvis	Manager	City of Cape Coral - Environmental Resources	cjarvis@capecoral.net
Ms.	Stephanie R.	Smith, P.E.	Manager	City of Cape Coral - Design and Construction	srsmith@capecoral.net
Chief	David	Newton	Chief of Police	City of Cape Coral Police Department	dnewlan@capecoral.net
Chief	Mike	Russell	Chief of Fire	City of Cape Coral Fire Department	mrussell@capecoral.net
Ms.	Connie	Barron	Public Information Manager	City of Cape Coral	cbarron@capecoral.net
Mr.	Dana	Burnett	Economic Development Manager	City of Cape Coral	dburnett@capecoral.net
Mr.	David	Hytti	Development Services Manager	City of Cape Coral	dhytti@capecoral.net
Ms.	Jenna	White	Administrative Secretary	City of Cape Coral Fire Department	jwhite@capecoral.net



Lee County Littleton/Kismet Realignment Study

ELECTED OFFICIALS

Salutation	First Name	Last Name	Title	Agency	Email
State of Florida					
The Honorable	Denise	Grimsley	State Senator District 26	Florida State Senate	grimsley.denise@flsenate.gov
The Honorable	Lizbeth	Benacquisto	State Senator District 27	Florida State Senate	benacquisto.lizbeth@flsenate.gov
The Honorable	Kathleen	Passimodo	State Senator District 28	Florida State Senate	passimodo.kathleen@flsenate.gov
The Honorable	Ray	Rodrigues	State Representative District 76	Florida State House of Representatives	Ray.Rodrigues@myfloridahouse.gov
The Honorable	Dane	Engle	State Representative District 77	Florida State House of Representatives	Dane.Engle@myfloridahouse.gov
The Honorable	Heather	Fitzenhagen	State Representative District 78	Florida State House of Representatives	Heather.Fitzenhagen@myfloridahouse.gov
The Honorable	Matt	Caldwell	State Representative District 79	Florida State House of Representatives	matt.caldwell@myfloridahouse.gov
Lee County					
The Honorable	John	Manning	Commissioner District 1	Lee County Board of Commissioners	dist1@leegov.com
The Honorable	Cecil	Pendergrass	Commissioner District 2	Lee County Board of Commissioners	dist2@leegov.com
The Honorable	Larry	Kiker	Commissioner District 3	Lee County Board of Commissioners	dist3@leegov.com
The Honorable	Brian	Hamman	Commissioner District 4	Lee County Board of Commissioners	dist4@leegov.com
The Honorable	Frank	Mann	Commissioner District 5	Lee County Board of Commissioners	dist5@leegov.com
Sheriff	Mike	Scott	Sheriff	Lee County	miscott@sheriffleefl.org
The Honorable	Linda	Doggett	Clerk of the Circuit Court	Lee County	ldoggett@leedclerk.org
The Honorable	Kenneth M.	Wilkinson, C.F.A.	Property Appraiser	Lee County	wilkinson@leepa.org
The Honorable	Larry D.	Hart	Tax Collector	Lee County	larryh@leetc.com
The Honorable	Tommy	Doyle	Supervisor of Elections	Lee County	elections@lee.vote
The Honorable	Mary	Fischer	Board Member District 1 - Chairman	Lee County School Board District 1	MaryBF@leeschools.net
The Honorable	Melisa W.	Giovannelli	Board Member District 2	Lee County School Board District 2	MelisaWVG@leeschools.net
The Honorable	Chris N.	Patricca	Board Member District 3	Lee County School Board District 3	ChrisNP@leeschools.net
The Honorable	Steven K.	Teuber	Board Member District 4	Lee County School Board District 4	StevenKT@leeschools.net
The Honorable	Pamela H.	LaRiviere	Board Member District 5	Lee County School Board District 5	PamelaHL@leeschools.net
The Honorable	Jane E.	Kuckel, PhD	Board Member District 6 - Vice Chairman	Lee County School Board District 6	JaneEK@leeschools.net
The Honorable	Cathleen O'Daniel	Morgan	Board Member District 7	Lee County School Board District 7	CathleenOM@leeschools.net
City of Cape Coral					
The Honorable	Joe	Coviello	Mayor	City of Cape Coral	jcoviello@capecoral.net
The Honorable	John	Gunter	Councilman District 1	City of Cape Coral	jgunter@capecoral.net
The Honorable	John	Carloscia	Councilman District 2	City of Cape Coral	jcarloscia@capecoral.net
The Honorable	Marilyn	Stout	Councilwoman District 3	City of Cape Coral	mstout@capecoral.net
The Honorable	Jennifer	Nelson	Councilman District 4	City of Cape Coral	jnelson@capecoral.net
The Honorable	Dave	Stokes	Councilwoman District 5	City of Cape Coral	dstokes@capecoral.net
The Honorable	Rick	Williams	Councilman District 6	City of Cape Coral	rwilliam@capecoral.net

Salutation	First Name	Last Name	Title	Agency	Email
The Honorable	Jessica	Cosden	Councilwoman District 7	City of Cape Coral	jcosden@capecoral.net

Littleton Road/Kismet Parkway Realignment Study



Lee County, Florida

The Lee County Department of Transportation (DOT) will hold a public meeting on the Littleton Road from Corbett Road to US 41 Widening Study from 5 p.m. to 6:30 p.m. on Thursday, October 18, 2018 at the Northside Baptist Church Worship Center, 8250 Littleton Road, North Fort Myers, FL, 33903. Lee County is developing and evaluating the widening of Littleton Road from east of Corbett Road to US 41. The widening of Littleton Road is on the Lee County Metropolitan Planning Organization's 2040 Long Range Transportation Plan to be widened to four lanes.

After a detailed traffic analysis it was determined that a three lane roadway, two lanes in each direction with a center turn lane (with landscape planting islands), would satisfy the traffic demand. As part of the proposed design, landscape planting islands will be interspersed into the center turn lane to limit the lane usage to that of a left turn lane. This project will tie into the future Kismet Parkway/Littleton Road Realignment project that is now under design.

The typical section or what the road would look like includes two 11-foot-wide lanes in each direction with a 12-foot-wide center turn lane. The roadway design also includes 4-foot-wide bike lanes and 6-foot-wide sidewalks on both sides of the roadway. The design will limit the amount of additional right-of-way that may be required.

The meeting is an opportunity for the public to review and comment on the status of the study. The workshop is an open house format, and the public is welcome to come at any time between 5 p.m. and 6:30 p.m. Lee County DOT staff will be available to answer your questions about the study.

In accordance with the Americans with Disabilities Act, Lee County will not discriminate against qualified individuals with disabilities in its services, programs, or activities. To request an auxiliary aid or service for effective communication or a reasonable modification to participate, contact Joan LaGuardia, (239) 533-2314, Florida Relay Service 711, or jlguardia@leegov.com. Accommodations will be provided at no cost to the requestor. Requests should be made at least five business days in advance.

If you have questions about the project or scheduled public workshop, please contact Vince Miller, P.E., Lee County Department of Transportation Project Manager at (239) 533-8577 or vmiller@leegov.com.



FOR IMMEDIATE RELEASE

Contact: Betsy Clayton, APR/CPRC
Communications Director
Lee County Government
239-826-4606
bclayton@leegov.com

Littleton Road Widening Study
Public meeting, Thursday, Oct. 18

FORT MYERS, FL, October 12, 2018 —

The Lee County Department of Transportation (DOT) will hold a public meeting on the Littleton Road Widening Study from 5 p.m. to 6:30 p.m. on Thursday, October 18, 2018 at the Northside Baptist Church Worship Center, 8250 Littleton Road, North Fort Myers, FL, 33903. Lee County is developing and evaluating alternatives to widen Littleton Road from Corbett Road to US 41/Cleveland Avenue. Littleton Road is on the Lee County Metropolitan Planning Organization's 2040 Cost Feasible Road and Highway Projects Long Range Transportation plan to be widened to four lanes.

After a detailed traffic analysis it was determined that a three lane roadway, one lane in each direction with a center turn lane (with landscape planting islands), would satisfy the traffic demand. As part of the proposed design, landscape planting islands will be interspersed into the center turn lane to limit the lane usage to that of a left turn lane. This project will tie into the future Kismet Parkway/Littleton Road Realignment project that is now under design. The study is expected to be complete in early 2019.

The meeting is an opportunity for the public to review and comment on the status of the study. The workshop is an open house format, and the public is welcome to come at any time between 5 p.m. and 6:30 p.m. Lee County DOT staff will be available to answer your questions about the study.

In accordance with the Americans with Disabilities Act, Lee County will not discriminate against qualified individuals with disabilities in its services, programs, or activities. To request an auxiliary aid or service for effective communication or a reasonable modification to participate, contact Joan LaGuardia, (239) 533-2314, Florida Relay Service 711, or jlaguardia@leegov.com. Accommodation will be provided at no cost to the requestor. Requests should be made at least five business days in advance.

If you have questions about the project or scheduled public workshop, please contact Vince Miller, P.E., Lee County Department of Transportation Project Manager at (239) 533-8577 or vmiller@leegov.com.



Littleton Road from Corbett Road to US 41 Widening Study

Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903

STAFF SIGN-IN SHEET

NAME	REPRESENTING	EMAIL
VINCENT MULLER	LEE County DOT	VMULLER@LEEgov.COM
Kris Cole	CMAA	
David Murphy	Lee Co. DOT	dmurphy@lee.gov.com
TERESA MANN	LEE Co County LANDS	TMANN@lee.gov.com
Tom Marguaroff	Lee Co. DOT	tmarguaroff@lee.gov.com
Andy Gregg	AIM	agreggs@aimengr.com
Adam Aguila	AIM Engineering & Surveying	aaguila@aimengr.com
Samuel Clarke	AIM	
Steve Nell	"	selarke@aimengr.com
Stacy Woods		



Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903



SIGN-IN SHEET

NAME	ADDRESS	PHONE #	EMAIL
Raymond Bickowski	311 DAWN DR	239-997-7349	rbickowski@centurylink.net
Gaule Bickowski	311 DAWN DR	239-997-7349	"
Clerna & Roy Sabar	375 Horizon Dr	239-997-1288	hor0908@aol.com
RICH SHARROTT	89 Sunrise Ave	239 209-7319	SCHECKS@YAHO.O.COM
Sam Mazzocchi	428 Horizon Dr	239 656 0204	florssinc@aol.com
Peg Loverin	225 Trevino Ct	907-830-2407	szzydeg@earthlink.net
Theresa Barnes	291 Rainbow Dr.	440-204-9248	
Lor Ann	9541 LITTELL RD	839 8605455	
Ken Kuyt	9243 Calaver Dr.	239-656-4185	
Fish Cassiter	44980 Bayline Dr	239-292-3143	fish.cassiter@cec.net
Judi Cookson	193 Nicklaus Blvd	603-491-1799	
PAT Anderson	94 Sunrise Ave	(239) 866-7614	
BRUCE MAGY	252 LAKEVIEW DR	239 599 5206	



Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903



SIGN-IN SHEET

NAME	ADDRESS	PHONE #	EMAIL
------	---------	---------	-------

GILBERTO OLIVER	3204 PLUTO BLVD	656-1258	239 0419
Wayne Elaine Tolson	622 Horizon Dr	656-1258	Wayne Elaine 2024444444.com
Stacy McElroy	593 Sunshining	-	BBMC4902-Jake
Ron & Sue Livingston	262 Lakeside Dr	-	-
MARIE BOTHER	371 Nicklaus	274-4553	MAMAMARIEB@AOL.COM
Pat Neely	229 Travlers Co		
Nancy Andersen	385 Horizon Dr	997-2777	
Debra Ballard	9521 Littleton Rd	633.3072	debb574@earthlink.net
JAMES BLATT	587 SUNSHINE E 9200 LITTLETON RD		
Robert Sedberry	383 Horizon Dr	352-270-5299	robosedberry3@aol.com
Cherlie Stevens	575 Hogan Dr	508 254 2448	chsf1575@gmail.com



Littleton Road from Corbett Road to
US 41 Widening Study

Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903



SIGN-IN SHEET

NAME	ADDRESS	PHONE #	EMAIL
Deborah Zschan	584 Sunrise Ln	997-2264	SmLpkg122@AOL.com
Margaret Meggola	428 Hovinger Dr.	656-0204	
JANE POORE	525 PRIMER BLVD.	995-0990	
Gayle Carpenter	148 Nicklantz Blvd	699-2460	
Louis J. Leula	534 PALM BEACH BLVD	852-0052	
Ronaldine Hitt	239.656-1639	113 NORLIZON BLVD	GERRY N BIKHA8 Mail Cor
BETH ROBERTS	589. SUNRISE LA	(239) 939-4287	
Thelma Spaulding	390 Ferguson Dr.	239.997-1972	
Jim Sauer	285 Baran Dr	239-995-0294	
Paul Flores	Lee County	239-533-8017	p.flores@co.gov.com
Judy Richard	177 Lakeside NFM	561-818-3348	
Molly Schweers	8954 DORNBURG ST FLA	834-1768	



Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903



SIGN-IN SHEET

NAME	ADDRESS	PHONE #	EMAIL
Lara Laumann	583 Sunrise (horizon)	419-410-0981	LKLAUMANN@GMAIL.COM
Pat Krysater	9243 Calbosa Dr.	234-656-4185	pekshater@gmail.com
Marilyn Scala	5443 Palmer Dr.	688-0052	
Jin Boscey	204 PALMER	656-0580	
BERNITA BROOKS	" "	" "	
Debbie Rolfe	278 Sunrise Ln.	573-675-2353	
Dan Rolfe	298 Sunrise Ln.	513-382-7986	
Ron & Mary Ann Bailberger	154 Twilight Lane	947-1059	mary444ann@yahoo.com
Candace E. Dauen	285 Borow Dr.	239-995-0894	
Charles Shuffler	9571 Lathum Rd	839-634-8349	



Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903



SIGN-IN SHEET

NAME	ADDRESS	PHONE #	EMAIL
RICHARD BAYAL	183 SUN DR.	586-781-3726	RICHARD.BAYAL@GMAIL.COM
CHAPPER-Shirley + Tom	633 DAWN DR	239-292-2444	
FLAY RUSSELL BACHMAN	299 HOGAN DR	931 200 1804	
SANET COLLIS	3316 GALAXY WAY	239-470-8495	
YIM TERRY L SMITH	2921 JAGGED DR.	239-997-9772	MS67471@MSN.COM
LODELIN K LEWANDOWSKI	405 HORIZON DR	267-882-6320	
FRAU ROSSADIVITO	589 SUNRISE LANE	239-939-4287	
GAIL WALLER	557 HOGAN DR	715.210-1000	gwallert@AOL.COM
Rebecca Rodriguez	5095 Greenbriar Dr.		



Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting

Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903



SIGN-IN SHEET

NAME	ADDRESS	PHONE #	EMAIL
Mary Diekema	224 Tiel Ave	239-656-6709	rogerldiekema@yahoo.com
Lois Lightfoot	9691 Littleton Rd	239-645-8828	
DANE D SKINNER	40 NECKLAUS BLVD		
George W. King	13 Sunset Circle		gking83031@gmail.com
Danny Ballard	9521 Littleton Rd	633-3064	firejump@comcast.net
Terry Bliss	241 Palmer Blvd NFM	607-547-5414	blissstarry@gmail.com
Paul Hoffmaster	233 Rainbow Dr WFM	239-997-5223	FUZZYH2731@AOL.COM
Caranni Jones	3064 NW 5th Ave C.C.	206-551-2420	WA
Sandra Matheson	174 Lakeside Dr		Sandra.Matheson@nrc.com



**Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting**



Thursday, October 18, 2018
Northside Baptist Church
8250 Littleton Road, N. Fort Myers, FL 33903

SIGN-IN SHEET

[illegible]



**Littleton Road from Corbett Road to
US 41 Widening Study
Public Meeting**



Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903

SIGN-IN SHEET

[illegible]



Thursday, October 18, 2018

Northside Baptist Church

8250 Littleton Road, N. Fort Myers, FL 33903

SIGN-IN SHEET

[illegible]



Littleton Road from Corbett Road to US 41 Widening Study Public Meeting



Thursday, October 18, 2018
Northside Baptist Church
8250 Littleton Road, N. Fort Myers, FL 33903

SIGN-IN SHEET

NAME

ADDRESS

PHONE #

EMAIL

Rick Eggen

255 Palmer NFM 239 997-5533 denzel6965@gmail.com
117 JNEAN De WFM 908-875-4522 RICK EGEAN com
94444.com

[illegible]

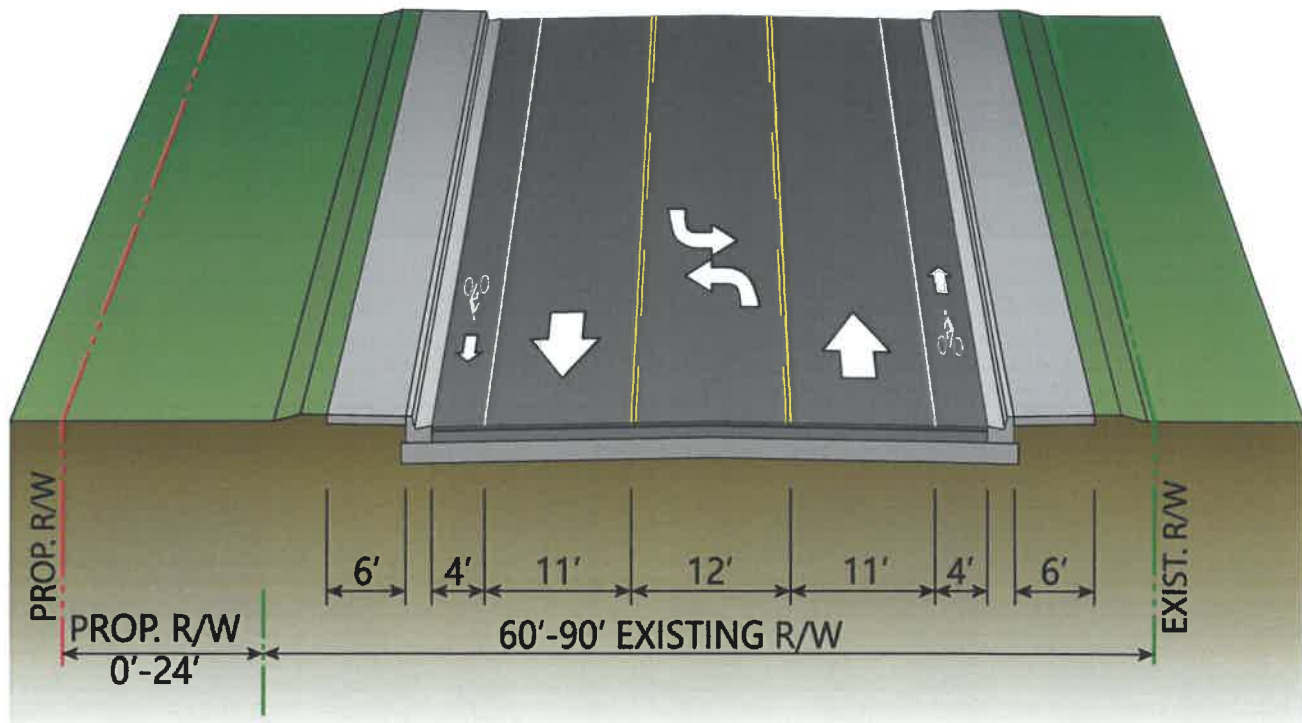
Littleton Road from Corbett Road to US 41 Widening Study

Public Meeting

October 18, 2018

Lee County is developing and evaluating the widening of Littleton Road from east of Corbett Road to US 41. The widening of Littleton Road is on the Lee County Metropolitan Planning Organization's 2040 Long Range Transportation Plan to be widened to four lanes. After a detailed traffic analysis it was determined that a three lane roadway, one lane in each direction with a center turn lane (with landscape planting islands), would satisfy the demand. As part of the proposed design, landscape planting islands will be interspersed into the center turn lane to limit the lane usage to that of a left turn lane.

This project will tie into the future Kismet Parkway/Littleton Road Realignment project that is now under design.



The typical section or what the road would look like includes two 11-foot-wide lanes in each direction with a 12-foot-wide center turn lane. The roadway design also includes 4-foot-wide bike lanes and 6-foot-wide sidewalks on both sides of the roadway. The design will limit the amount of additional right-of-way that may be required.

Littleton Road Widening Study from east of Corbett Road to US 41

Evaluation Matrix

Evaluation Criteria	Three-Lane Alternative
Business Impacts	
Number of business relocations	0
Residential Impacts	
Number of residential relocations	0
Environmental Effects	
Surface Waters (acres)	0
Wetland (acres)	0.168
Potential threatened and endangered species involvement	High
Potential contamination sites (medium/high)	(0/1)
Right-of-Way Needs	
Parcels Impacted	11
Right-of-Way to be acquired for roadway improvement (acres)	0.45
Right-of-Way to be acquired for stormwater facilities (acres)	3.00
Estimated Total Project Costs (2018 Cost)	
Design ²	\$1,354,901
Mitigation Cost	\$9,677
Total Right-of-Way Cost	\$1,200,000
Construction Cost for stormwater sites	\$70,857
Construction Cost for roadway ³	\$8,961,817
Total Construction Cost	\$9,032,674
Construction Engineering & Inspection ²	\$1,806,534
Preliminary Estimate of Total Project Cost (2018 Cost)	\$22,436,460

1. Build Alternatives require a protected species survey and consultation with the U.S. Fish and Wildlife Service and Florida Fish and Wildlife Conservation Commission during permitting. Preliminary site evaluations were conducted to determine the likelihood of protected species presence. Low = unlikely protected species are present, Medium = protected species habitat observed and species may be present, High = protected species habitat and species presence observed.

2. Design Cost is estimated as 15% of the Total Costs and Construction Engineering & Inspection is estimated as 20% of the Total Construction Cost.

3. Construction Cost for roadway does not include a cost for bridge widening or replacement.

APPENDIX D



**LITTLETON ROAD FROM CORBETT ROAD
TO US 41 WIDENING STUDY
THREE-LANE ALTERNATIVE**

LEGEND	
	EXISTING ROAD
	UNDESIGNED RETURN
	PAVEMENT PLIN
	PAVEMENT LINE
	PAVEMENT LINE
	PAVEMENT LINE
	PROPOSED ROADWAY



APPENDIX E



**Littleton Road from Corbett Road to US 41
Widening Study
Public Meeting**

Thursday, October 18, 2018

Northside Baptist Church (Worship Center)
8250 Littleton Road, North Fort Myers, FL 33903

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Please keep in mind that this is a public record.

Name RICHARD SHARROTT
Address 89 SUNRISE AVE
City N.F.M State FL Zip Code 33905
Email Address SHECKS@YAHOO.COM

☒ Please add me to your email list for notifications concerning this project.

Comments: LET CAPE CORAL DRIVERS USE THE
EGRESS ROAD ALREADY THERE. EG:
KISMET, DIPLOMAT, HANCOCK BRIDGE PKWY,
PONDECCA ETC, THEY HAVE ENOUGH ALREADY
SAVE N. FT. MYERS

(Attach additional sheets if necessary)

Thank you for your interest in this project. Public participation is solicited without regard to race, color national origin, age, sex religion, disability or family status. The information you provide on this comment form becomes part of the project files. This information may be provided to other individuals who may make a public records request.



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Widening Study
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Please keep in mind that this is a public record.

Name Ronald and Elizabeth Tice Horizon Village
Address 207 Sun Drive
City N. Ft. Myers State FL Zip Code 33903-5667
Email Address rtice6297@yahoo.com

☐ Please add me to your email list for notifications concerning this project.

Comments:

(No landscaping affecting view)
Need turn lane in middle and 2 lanes needed
in east and west direction. There is a lot of
congestion (work traffic) in both directions and
takes a lot of time to move from Horizon Blvd.
onto Littleton. Side walk needed on both
sides of road not as now. Add sidewalk along
Horizon Village side as well as sidewalk on
Serenity side

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name Danny Ballard
Address 9521 Littleton Rd
City N. Ft. Myers State FL Zip Code 33903
Email Address fireump@embargo@mail.com

☒ Please add me to your email list for notifications concerning this project.

Comments: With the median I will only
be able to access my driveway if I
am traveling east.

(Attach additional sheets if necessary)

Thank you for your interest in this project. Public participation is solicited without regard to race, color national origin, age, sex religion, disability or family status. The information you provide on this comment form becomes part of the project files. This information may be provided to other individuals who may make a public records request.



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Please keep in mind that this is a public record.

Name Debra Ballard
Address 9521 Littleton Rd
City N.Ft. Myers State FL Zip Code 33903
Email Address debbs74@earthlink.net

☐ Please add me to your email list for notifications concerning this project.

Comments: NEED NO
NO Median west of Hottel Rd. Run Hottel Rd
through to Deplanat Rd. for school + Buss
fix flooding in area Clean out Yellowfever
check. Run traffic on Corbett Rd south,
stop all Dumptrucks on Littleton Rd,
Big Trucks

We are NOT Cape Coral + Don't want to be

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name GENARD V. LOCKE

Address 563 HOGAN DRIVE

City NO. FORT MYERS State FL Zip Code 33903

Email Address _____

☐ Please add me to your email list for notifications concerning this project.

Comments:

THERE IS AN ANTICIPATED INCREASE OF TRAFFIC VOLUME ON LITTLETON RD. FROM THE NEW MULTIPLE BUILDING APARTMENT COMPLEX ON PINE ISLAND RD. AND 25TH AVE. CAPE CORAL. THE EASIEST ACCESS TO RTE 41 NORTH IS LITTLETON. HAS A NOISE BARRIER BEEN CONSIDERED ON LITTLETON ROAD WIDENING TO BUFFER THE INCREASED TRAFFIC NOISE FOR RESIDENTS LIVING ON THE AFFECTS SECTION OF LITTLETON ROAD

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name Kelly Jenkinson
Address 2915 Janet Dr.
City NFM State FL Zip Code 33903
Email Address Kelly-Jenky@yahoo.com
Kelly-Jenky@aicloud.com
☐ Please add me to your email list for notifications concerning this project.

Comments:

How will this be paid for? Will our taxes increase?
• Janet Drive is a Dirt Road - How will the draining effect my road? How will you redirect flooding?
• Traffic is already terrible, How will you decrease traffic during this project?
• How long are you estimating this to take?
• How will this effect my drive every day to and from work?
• Where will you redirect rain water?

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name MARIE BUTLER
Address 341 NICKLAUS BLVD
City N FT MYERS State FL Zip Code 33990
Email Address MAMA MARIEB@AOL.COM

☐ Please add me to your email list for notifications concerning this project.

Comments: COULD YOU SEND ME A PRINT OF LITTLETON
BY SIX LAKES & ALSO THE ROUND ABOUT
THANK YOU

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name Jim Bosley
Address 256 Palmel Blvd (Sun Lakes)
City N. Ft. MYERS State FL Zip Code 33903
Email Address _____

☐ Please add me to your email list for notifications concerning this project.

Comments:

the turn lane into Sun Lakes is great
but the needed land will not be donated!
Move the Road 8' North in this 1/4 mile section
Take the ditch with Culvert!

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name GUILLERMO OLIVER
Address 3204 PLATO CIRCLE
City FORT MYERS State FL Zip Code 33903
Email Address _____

☐ Please add me to your email list for notifications concerning this project.

Comments:

I WILL BE GLAD WHEN IS OVER
SO TRAFFIC WILL BE BETTER

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name Pat Shephard
Address 229 Trevino Ct Le Lakes
City North Fort Myers State FL Zip Code 33903
Email Address _____

☐ Please add me to your email list for notifications concerning this project.

Comments:

Please send me a map of proposed new
road

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name JIM SAUER
Address 285 BORDS DR (SIX LAKES)
City N. FT MYERS State FL Zip Code 33903
Email Address JIMAUSSAUER@GMAIL.COM

☒ Please add me to your email list for notifications concerning this project.

Comments: THE WEST GATE OF SIX LAKES
IS EXIT ONLY AND SHOULD/MUST ALLOW
A LEFT TURN TO PROCEED WEST.
AN INTERMEDIATE GATE FOR ENTRANCE AND
EXIT FROM THE GOLF COURSE MAINTENANCE
BUILDING MUST HAVE ACCESS FOR ENTERING
FROM THE EAST AND EXITING TO THE
WEST!

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name FRAN ROSSADIVITO
Address 589 SUNRISE LANE
City NORTH FORT MYERS State FL Zip Code 33903
Email Address _____

☐ Please add me to your email list for notifications concerning this project.

Comments:

This was confusing in the beginning thinking there would be someone to speak to us, but representatives came around and talked to us and showed a map to show the concept of this plan. This made a big difference and appreciated their explanations and answered our questions. PLEASE mail me the map that shows the segment A concept. They wouldn't let me

(Attach additional sheets if necessary)

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keep the one on the table. Thank you!



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Please keep in mind that this is a public record.

Name Clarence G Cookson
Address 193 Nicklaus Blvd
City N FT MYERS State FL Zip Code 33903
Email Address gcookson123@gmail.com

☐ Please add me to your email list for notifications concerning this project.

Comments:

(1) Please put a school zone speed limit ^{signs} at the elementary school on Littleton Blvd. A speed zone is essential to allow school traffic to safely enter Littleton.

(2) This plan will shift traffic from Diplomat to Littleton/Kismet because of the only traffic light at Littleton & Highway 41. Seems like a poor choice to increase traffic flow where 2000+ residential homes exist as opposed to strictly commercial on Diplomat.

(Attach additional sheets if necessary) I oppose this project as it is not needed.

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Please keep in mind that this is a public record.

Name LARRY SCHAU
Address 775 HORIZON DR
City N. FT. MYERS State FL Zip Code 33903
Email Address how0908@aol.com

☒ Please add me to your email list for notifications concerning this project.

Comments:

We live in Horizon Village and we
will need a wall to buffer the
noise of the traffic.

(Attach additional sheets if necessary)

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Name Pat Anderson
Address 94 Sunrise Ave
City N. Ft. Myers State FL Zip Code 33903
Email Address _____

☐ Please add me to your email list for notifications concerning this project.

Comments: This meeting was nothing more than
a social gathering! No chairs to sit on
(very few) to discuss the project. There were
too many people crowded around maps so you
had a hard time hearing or asking a question.
Why not have a question & answer session!
Sorry I wasted my gas!

(Attach additional sheets if necessary)

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Please keep in mind that this is a public record.

Name Steven Cooke
Address 397 Horizon Drive
City N. Fort Myers State FL Zip Code 33903
Email Address sthorrocker@live.com

☒ Please add me to your email list for notifications concerning this project.

Comments: My only concern is the length of the
right hand turn lane for Horizon Village.
For the safety of the residents, I would like
to see it at the largest length allowed by
law.

Thank you

(Attach additional sheets if necessary)

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Vinceint Miller



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Please keep in mind that this is a public record.

Name BARBARA BRADY
Address 299 HOGAN DR
City NORTH ST MYERS State FL Zip Code 33903
Email Address bbrady00182@GMAIL.COM

☒ Please add me to your email list for notifications concerning this project.

Comments: This program as shown to us on Oct 18 2018
makes no sense at all. There is plenty of ground
on the other side of Littleton Rd to make this
happen — You do not have to take out our
fence at Six Lakes and place the highway on
top of our homes! This is really bad
and if we get the TV stations out here
maybe you will rethink this plan

Sincerely Yours

Barbara Brady

(Attach additional sheets if necessary)

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P.S. We would lose our sidewalks and you would have to move telephone poles and leach beds for drainage —

RECEIVED

OCT 28 2018

Post Office
Will Not
Deliver
Without
Proper
Postage

LEE COUNTY DEPARTMENT OF TRANSPORTATION
C/O CELLA MOLNAR & ASSOCIATES, INC.
1631 HENDRY STREET
FORT MYERS, FL 33901

Kris Cella

To: Richard Peter
Subject: RE: Widening of Littleton Road

Thank you for your comments. I will pass on to the project team and it will become part of the project record.

Thanks!

CELLAMOLNAR
***** ASSOCIATES, INC

Kris Cella, CEO
Cella Molnar & Associates, Inc.
1631 Hendry Street
Fort Myers, FL 33901
239.337.1071

www.cella.cc

Please note: Florida has a very broad public records law. Most written communications to or from government employees and officials regarding government business are public records available to the public and media upon request. Your email communication may be subject to public disclosure. Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

From: Richard Peter <Pterrabbit@Airadv.net>
Sent: Monday, October 22, 2018 8:30 PM
To: Kris Cella <kcella@cella.cc>
Cc: Peter Richard <Pterrabbit@Airadv.net>
Subject: Widening of Littleton Road

Richard and Janet Peter
3074 Kingston Road
Kingston, MI 48741
10/22/2018

Kris Cella
Cella Molnar and Associates
1631 Hendry Street
Fort Myers, FL 33901

RE: Widening of 41 study
RE: Request of ideas from public

To Kris Cella

Thanks for sending information of the proposed widening of Littleton Road and possibilities of making suggestions to meet the local needs.

We understand the existing suggested plan calls for a road width of 34 feet plus the storm gutter plus a bike path and sidewalk on each side requiring $6 + 6 + 4 + 4$ for a total of 20 feet.

Janet and Richard would like to suggest that the bike path and the sidewalk be kept separated from the road traffic with a 6 or 8 foot grass divider. This would also allow for some plantings. The bike and walking path would be on just one side of the road and 12 wide and separated by this grass safety divider. Depending on the space available the bike and walking path could have some wandering or curved areas around power poles and ditches etc. The existing school and mobile home parks would still need to maintain short side walks to the crosswalks.

We would like to suggest the safety fact with the division or space away from the traffic. With an existing school now on Littleton and the possibilities of a second one the north side of the road a wide bike path and or side walk may be more important. Secondly and hopefully it would be a more attractive and may be more cost effective.

Richard and Janet Peter



**Littleton Road from Corbett Road to US 41
Widening Study
Public Meeting**

Thursday, October 18, 2018

Northside Baptist Church (Worship Center)
8250 Littleton Road, North Fort Myers, FL 33903

Please use this feedback form to express your opinions about this project. Drop your written comments into the comment box here today, mail them to the address on the back of this form, or email them to Kris Cella, Public Information Consultant at kcella@cella.cc by November 1, 2018.

Please keep in mind that this is a public record.

Name CORINNE JONES
Address 3064 NW 5th AVE
City CAPE CORAL State FL Zip Code 33993
Email Address NONE

☐ Please add me to your email list for notifications concerning this project.

Comments:

this is the 2nd meeting I have attended and I still DO NOT see an urgent need for this project. Since I have lived here I have not heard of any accidents. I use this route all the time and except for Rush hours all seem very courteous and NO PROBLEMS!

Let's not go over board on the trees on the median strip - less is more.

The representatives that were there seemed very knowledgeable when asked questions.

(Attach additional sheets if necessary)

Thank you for your interest in this project. Public participation is solicited without regard to race, color national origin, age, sex religion, disability or family status. The information you provide on this comment form becomes part of the project files. This information may be provided to other individuals who may make a public records request.

Vinceint Miller



**Littleton Road from Corbett Road to US 41
Widening Study
Public Meeting**

Thursday, October 18, 2018

Northside Baptist Church (Worship Center)
8250 Littleton Road, North Fort Myers, FL 33903

Please use this feedback form to express your opinions about this project. Drop your written comments into the comment box here today, mail them to the address on the back of this form, or email them to Kris Cella, Public Information Consultant at kcella@cella.cc by November 1, 2018.

Please keep in mind that this is a public record.

Name BARBARA BRADY
Address 299 HOGAN DR
City NORTH ST MYERS State FL Zip Code 33903
Email Address bbrady00182@GMAIL.COM

☒ Please add me to your email list for notifications concerning this project.

Comments: This program as shown to us on Oct 18 2018
makes no sense at all. There is plenty of ground
on the other side of Littleton Rd to make this
happen — You do not have to take out our
fence at Sir Lakes and place the highway on
top of our homes! This is really bad
and if we get the TV stations out here
maybe you will rethink this plan

Sincerely Yours

Barbara Brady

(Attach additional sheets if necessary)

Thank you for your interest in this project. Public participation is solicited without regard to race, color national origin, age, sex religion, disability or family status. The information you provide on this comment form becomes part of the project files. This information may be provided to other individuals who may make a public records request.

P.S. We would lose our sidewalks and you would have to move telephone poles and leach beds for sewage.

RECEIVED

OCT 23 2018

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Will Not
Deliver
Without
Proper
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LEE COUNTY DEPARTMENT OF TRANSPORTATION
C/O CELLA MOLNAR & ASSOCIATES, INC.
1631 HENDRY STREET
FORT MYERS, FL 33901

APPENDIX D

Engineers Estimate for Construction Costs

**Littleton Road Widening
Costs per Roadway Mile**

November 27, 2018

<u>LRE Component</u>		<u>Sequence 1</u>	<u>Sequence 2</u>
		Three-Lane Undivided Urban Roadway	Four-Lane Divided Urban Roadway
Earthwork			
Clearing and Grubbing		\$82,723	\$112,951
Embankment		<u>\$447,817</u>	<u>\$564,711</u>
Total Earthwork		\$530,540	\$677,662
Roadway		\$1,791,886	\$2,321,328
Shoulder		\$943,006	\$944,548
Bridge		\$324,805	\$324,805
Median		N/A	\$308,861
Drainage		\$1,674,793	\$1,710,758
Signing		\$21,642	\$39,469
Lighting		\$407,598	\$407,598
Subtotal		\$5,694,270	\$6,735,029
Maintenance of Traffic	20%	\$1,138,854.01	\$1,347,005.83
Mobilization	20%	\$1,366,625	\$1,616,407
Initial Contingency	20%	\$1,639,950	\$1,939,688
Construction Cost Total		\$9,839,699	\$11,638,130
Difference		-\$1,798,432	per mile
Difference		-\$340.61	per foot
Rounded Difference		-\$1,798,000	per mile
Rounded Difference		-\$340	per foot

FDOT Long Range Estimating System - Production**R3: Project Details by Sequence Report****Project:** LITTLE-T-ON-01**Letting Date:** 01/2099**Description:** ENGINEER'S ESTIMATE**District:** 07 **County:** 99 DISTRICT/STATE WIDE**Market Area:** 99**Units:** English**Contract Class:** Lump Sum **Project:** N**Design/Build:** N**Project Length:** 3.000 MI**Project Manager:****Description:** Project Cost Estimate**Sequence:** 1 NUU - New Construction, Undivided, Urban**Net Length:**1.200 MI
6,340 LF**Description:** 3-Lane Urban Roadway**Special** 11-ft travel lanes, 12-ft center lane 4-ft bike lanes 6-ft sidewalks**Conditions:****EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	32.00 / 38.00
Incidental Clearing and Grubbing Area	0
Alignment Number	1
Distance	1.000
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
Extended Amount				
110-1-1	CLEARING & GRUBBING	10.18 AC	\$8125.99	\$82,722.58
120-6	EMBANKMENT	53,248.21 CY	\$8.41	\$447,817.45
Earthwork Component Total				\$530,540.02

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	3
Roadway Pavement Width L/R	21.00 / 21.00
Structural Spread Rate	220
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	33,200.64 SY	\$5.48	\$181,939.51
285-709	OPTIONAL BASE,BASE GROUP 09	29,568.00 SY	\$25.58	\$756,349.44
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	3,252.48 TN	\$110.03	\$357,870.37

337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-23	2,439.36 TN	\$131.34	\$320,385.54
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Turnouts/Crossovers Subcomponent

Description	Value
Asphalt Adjustment	10.00
Stabilization Code	Y
Base Code	Y
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
			Price	
160-4	TYPE B STABILIZATION	3,320.06 SY	\$5.48	\$18,193.93
285-709	OPTIONAL BASE,BASE GROUP 09	2,956.80 SY	\$25.58	\$75,634.94
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	325.25 TN	\$110.03	\$35,787.26
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-23	243.94 TN	\$131.34	\$32,039.08

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	648.00 EA	\$3.84	\$2,488.32
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	9.60 GM	\$972.88	\$9,339.65
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP,6"	4.80 GM	\$386.97	\$1,857.46

Roadway Component Total	\$1,791,885.50
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SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	11.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	3.00 / 9.00
Sidewalk Width L/R	6.00 / 6.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER TYPE F	6,340.00 LF	\$26.74	\$169,531.60
520-1-110	CONCRETE CURB & GUTTER TYPE F	6,340.00 LF	\$26.74	\$169,531.60

522-2	CONCRETE SIDEWALK AND DRIVEWAYS,6"	8,450.00 SY	\$66.09	\$558,460.50
570-1-1	PERFORMANCE TURF	8,450.00 SY	\$1.19	\$10,055.50

Erosion Control Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	12.670.00 LF	\$1.65	\$20,905.50
104-11	FLOATING TURBIDITY BARRIER	300.00 LF	\$9.91	\$2,973.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	300.00 LF	\$4.99	\$1,497.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$2,537.77	\$2,537.77
104-18	INLET PROTECTION SYSTEM	61.00 EA	\$100.18	\$6,110.98
107-1	LITTER REMOVAL	14.55 AC	\$36.72	\$534.28
107-2	MOWING	14.55 AC	\$59.69	\$868.49

Shoulder Component Total \$943,006.22

BRIDGES COMPONENT

Description	Value
Estimate Type	SF Estimate
Primary Estimate	Yes
Length (LF)	27
Width (LF)	42
Structure No.	124028
Description	Widening the existing bridge (17' R & 37' L) over Yellow Fever Creek

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-4-1	CONCRETE CLASS IV, CULVERTS	256.11 CY	\$1,163.54	\$297,994.23
415-1-1	REINFORCING STEEL - ROADWAY	31,174.92 LB	\$0.86	\$26,810.43

Bridge Component Total \$324,804.66

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	22.00 CY	\$1,268.89	\$27,915.58
425-1-351	INLETS, CURB, TYPE P-5, <10'	44.00 EA	\$4,900.29	\$215,612.76
425-1-451	INLETS, CURB, TYPE J-5, <10'	12.00 EA	\$7,131.34	\$85,576.08
425-1-521	INLETS, DT BOT, TYPE C, <10'	6.00 EA	\$3,301.04	\$19,806.24
425-2-41	MANHOLES, P-7, <10'	6.00 EA	\$3,898.54	\$23,391.24
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	2,800.00 LF	\$83.04	\$232,512.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	250.00 LF	\$120.42	\$30,105.00
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	6,000 LF	\$173.24	\$1,039,440.00
570-1-1	PERFORMANCE TURF	365.00 SY	\$1.19	\$434.35

Drainage Component Total \$1,674,793.25

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	24.00 AS	\$330.44	\$7,930.56

700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00 AS	\$1,068.87	\$2,137.74
700-2-15	SINGLE POST SIGN, F&I GM, 51-100 SF	2.00 AS	\$5,786.98	\$11,573.96
Signing Component Total				\$21,642.26

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description		Value		
Spacing		MIN		
Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	6,340.00 LF	\$7.21	\$45,711.40
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,260.00 LF	\$18.53	\$23,347.80
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	42.00 EA	\$623.55	\$26,189.10
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	23,140.00 LF	\$2.17	\$50,213.80
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	42.00 EA	\$5,665.14	\$237,935.88
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	42.00 EA	\$576.20	\$24,200.40
Subcomponent Total				\$407,598.38
Lighting Component Total				\$407,598.38
Sequence 1 Total				\$5,694,270.29

Sequence: 2 NDU - New Construction, Divided, Urban

Net Length:

1.200 MI
6,340 LF

Description: 4-Lane Urban Roadway

Special Conditions: 11-ft travel lanes, 15.5-ft median 4-ft bike lanes 6-ft sidewalks

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	44.75 / 50.75
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.000
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	13.90 AC	\$8125.99	\$112,951.26
120-6	EMBANKMENT	67,147.52 CY	\$8.41	\$564,710.64
Earthwork Component Total				\$677,661.90

ROADWAY COMPONENT**User Input Data Description****Value**

Number of Lanes	4
Roadway Pavement Width L/R	26.00 / 26.00
Structural Spread Rate	220
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	43,873.28 SY	\$5.48	\$240,425.57
285-709	OPTIONAL BASE,BASE GROUP 09	36,608.00 SY	\$25.58	\$936,432.64
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	4,026.88 TN	\$110.03	\$443,077.61
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-23	3,020.16 TN	\$131.34	\$396,667.81

Turnouts/Crossovers Subcomponent**Description****Value**

Asphalt Adjustment	10.00
Stabilization Code	Y
Base Code	Y
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,387.28 SY	\$5.48	\$24,042.29
285-709	OPTIONAL BASE,BASE GROUP 09	3,660.80 SY	\$25.58	\$93,643.26
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	402.69 TN	\$110.03	\$44,307.98
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-23	302.02 TN	\$131.34	\$39,667.31
	ASPH CONC FC,TRAFFIC C,FC-			

Pavement Marking Subcomponent**Description****Value**

Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	486.00 EA	\$3.84	\$1,866.24
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	9.60 GM	\$972.88	\$9,339.65
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP,6"	4.80 GM	\$386.97	\$1,857.46

Roadway Component Total**\$2,231,327.83**

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	11.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	3.00 / 9.00
Sidewalk Width L/R	6.00 / 6.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER TYPE F	6,340.00 LF	\$26.74	\$169,531.60
520-1-110	CONCRETE CURB & GUTTER TYPE F	6,340.00 LF	\$26.74	\$169,531.60
522-2	CONCRETE SIDEWALK AND DRIVEWAYS,6"	8,450.00 SY	\$66.09	\$558,460.50
570-1-1	PERFORMANCE TURF	8,450.00 SY	\$1.19	\$10,055.50

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	12,670.00 LF	\$1.65	\$20,905.50
104-11	FLOATING TURBIDITY BARRIER	300.00 LF	\$9.91	\$2,973.00
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	300.00 LF	\$4.99	\$1,497.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$2,537.77	\$2,537.77
104-18	INLET PROTECTION SYSTEM	61.00 EA	\$100.18	\$6,110.98
107-1	LITTER REMOVAL	30.54 AC	\$36.72	\$1121.43
107-2	MOWING	30.54 AC	\$59.69	\$1822.93

Shoulder Component Total

\$944,547.81

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	15.50
Performance Turf Width	11.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	12,670.00 LF	\$23.65	\$299,645.50
570-1-1	PERFORMANCE TURF	7,744.00 SY	\$1.19	\$9,215.36
Median Component Total				\$308,860.86

BRIDGES COMPONENT

Description	Value
Estimate Type	SF Estimate
Primary Estimate	Yes
Length (LF)	27
Width (LF)	42
Structure No.	124028
Description	Widening the existing bridge (17' R & 37' L) over Yellow Fever Creek

Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-4-1	CONCRETE CLASS IV, CULVERTS	256.11 CY	\$1,163.54	\$297,994.23
415-1-1	REINFORCING STEEL - ROADWAY	31,174.92 LB	\$0.86	\$26,810.43
	Bridge Component Total			\$324,804.66

DRAINAGE COMPONENT

Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	22.00 CY	\$1,268.89	\$27,915.58
425-1-351	INLETS, CURB, TYPE P-5, <10'	44.00 EA	\$4,900.29	\$215,612.76
425-1-451	INLETS, CURB, TYPE J-5, <10'	12.00 EA	\$7,131.34	\$85,576.08
425-1-521	INLETS, DT BOT, TYPE C, <10'	6.00 EA	\$3,301.04	\$19,806.24
425-2-41	MANHOLES, P-7, <10'	6.00 EA	\$3,898.54	\$23,391.24
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	3,178.00 LF	\$83.04	\$263,901.12
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	288.00 LF	\$120.42	\$34,680.96
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	6,000 LF	\$173.24	\$1,039,440.00
570-1-1	PERFORMANCE TURF	365.00 SY	\$1.19	\$434.35
	Drainage Component Total			\$1,710,758.33

SIGNING COMPONENT

Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	24.00 AS	\$330.44	\$7,930.56
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00 AS	\$1,068.87	\$2,137.74
700-2-15	SINGLE POST SIGN, F&I GM, 51-100 SF	2.00 AS	\$5,786.98	\$11,573.96
700-2-16	SINGLE POST SIGN, F&I GM, 101-200 SF	2.00 AS	\$8,913.57	\$17,827.14
	Signing Component Total			\$39,469.40

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description		Value		
Spacing		MIN		
Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	6,340.00 LF	\$7.21	\$45,711.40
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,260.00 LF	\$18.53	\$23,347.80
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	42.00 EA	\$623.55	\$26,189.10
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	23,140.00 LF	\$2.17	\$50,213.80
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	42.00 EA	\$5,665.14	\$237,935.88
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	42.00 EA	\$576.20	\$24,200.40
Subcomponent Total				\$407,598.38
Lighting Component Total				\$407,598.38

Sequence 2 Total **\$6,645,029.17**