

# Polk Transportation Planning Organization

## Congestion Management Process

### System Performance Report



Final  
May 2009



Polk Transportation Planning Organization  
Bartow, Florida

<http://www.PolkTPO.com>

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## 1.0 INTRODUCTION

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### 1.1 Background

The Polk Transportation Planning Organization (TPO) is the lead transportation planning agency for Polk County. The TPO develops transportation plans and programs for Polk County as mandated by federal and state legislation, which includes the Unified Planning Work Program (UPWP), Long Range Transportation Plan (LRTP), and Transportation Improvement Program (TIP).

The Safe, Accountable, Flexible, Efficient, Transportation Equity Act – A Legacy for Users (SAFETEA-LU) requires all Metropolitan Planning Organizations (MPO) in federally-designated Transportation Management Areas (TMA) to maintain a Congestion Management Process (CMP). The CMP expands on the requirements dating from the early 1990's for MPOs to address and manage congestion. The Federal Highway Administration (FHWA) defines a Congestion Management Process (CMP) as *“a systematic transparent process for managing congestion that provides information on transportation system performance and on alternative strategies for alleviating congestion and enhancing mobility.”*

Presently, the Polk TPO does not constitute a federally-designated TMA, which consists of a contiguous urbanized area that exceeds the minimum threshold of 200,000 in population (2000 Census). However, the Transitioning Urbanized Area of the TPO is projected to exceed the federal threshold in the future, and be certified as a TMA Urbanized Area. Therefore, the development of a CMP will become an integral part of the TPO's ongoing regional planning process.

### 1.2 Polk TPO CMP Overview

The Polk TPO CMP is a formalized process which provides a summary of transportation system performance and alternative strategies meant to reduce congestion and enhance the mobility of all users and modes. The CMP includes a formal methodology to monitor and evaluate transportation system performance, select and implement alternative strategies, and evaluate the effectiveness of all implemented efforts.

The *CMP Definition and Framework* document published by the TPO in January 2009 provides a detailed description of how the CMP is maintained as an integral part of the overall transportation planning process. It also demonstrates that the CMP meets federal requirements and guidance recently furnished by the U.S. Department of Transportation, Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). In addition, the document clarifies existing practices and suggests new approaches for the TPO's consideration in addressing future updates.

The CMP Area covers the Transitioning Urbanized Area of the County as displayed in Figure 1.1. This area includes the entire Polk County Urban Transit Service Area along

with additional high growth areas near major corridors and communities such as Poinciana.

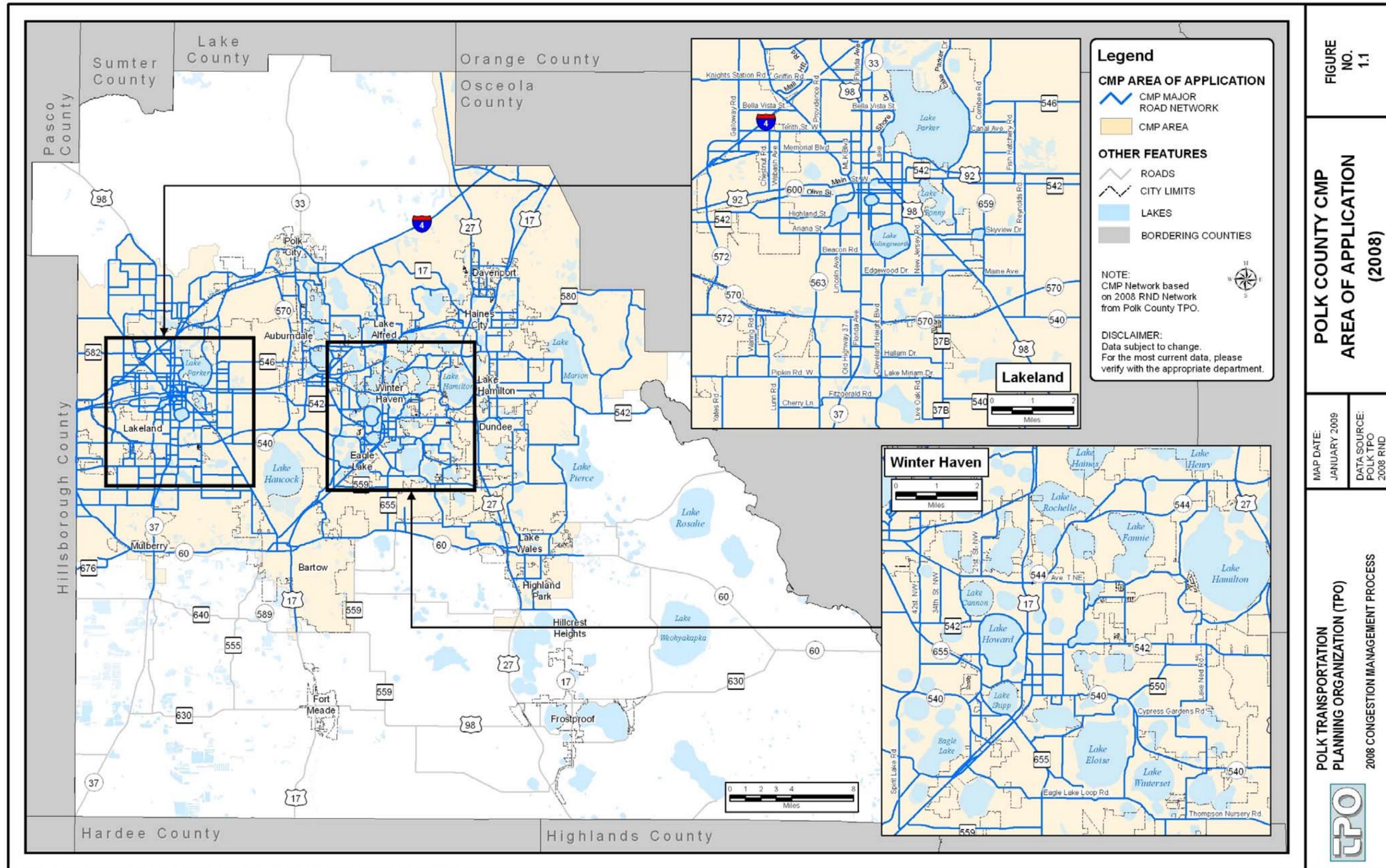
The CMP Network consists of existing (2008) and committed (2013) (E+C) transportation facilities that are identified by the TPO through the long-range transportation planning process. The CMP corridors are based on the TPO's approved designated Major Road Network Database (RND). All corridors that are part of the RND are eligible for federal transportation funding through the TPO process.

### **1.3 Purpose of CMP System Performance Report**

The System Performance Report provides a systematic evaluation of transportation mobility and conditions within the CMP Network and Area. The Report examines conditions through the use of system-wide performance measures, enabling a comparison to be made with past conditions as summarized in previous reports. The analysis includes all modes – roadway, bicycle, pedestrian, transit systems and transportation demand management (TDM) services within the defined CMP Area.

The performance measures analyzed in this report are used to assess the overall effectiveness of implemented transportation projects and strategies. Ultimately, the Report is meant to reflect a progression of efforts over multiple years by the TPO to develop and implement a comprehensive CMP program. This document represents the first CMP system-wide performance report published by the TPO.

Figure 1.1: Polk TPO Congestion Management Process (CMP) Road Network and Area



I:\Polk County GPC\Congestion Mgmt Process\GIS\Applications\mxd\Figure 1\_1\_CMP\_yr08\_CMP\_Boundary.mxd created by LAV, URS Corporation, on January 15th, 2009.

## 2.0 SYSTEM-WIDE PERFORMANCE MEASURES

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Performance measures define how effectively and efficiently the CMP transportation network is operating. Generally speaking, they indicate the difference between optimal mobility and sub par conditions for congestion, safety and multimodal performance. Performance measures are developed to quantify levels of congestion, and to provide an analytical approach in determining congestion trends. This section provides a summary of the System-Wide performance measures adopted by the TPO used in the analysis of the CMP Network and Area of Application.

### 2.1 Adopted System-Wide Performance Measures

The System-Wide performance measures were derived in part from the major goals and objectives of the 2030 Transportation Improvement Plan (TRIP) and respective comprehensive plan documents of Polk County jurisdictions and were adopted by the CMP Steering Committee. The 12 System-Wide measures include:

- ◆ Vehicle Miles Traveled (VMT)
- ◆ VMT by Roadway Level of Service (LOS)
- ◆ Traffic Crashes
- ◆ Bicycle Crashes
- ◆ Pedestrian Crashes
- ◆ Bicycle Facilities
- ◆ Pedestrian Facilities
- ◆ Off-Road Multiuse Trail Facilities
- ◆ Transit Route Network
- ◆ Population Served by Transit
- ◆ Transit Ridership
- ◆ Number of Registered Carpoolers/Vanpoolers

The System-Wide performance measures used to analyze the CMP Network and Area of Application are summarized in this report to:

- Determine the CMP system-wide congestion levels;
- Assess current multimodal system performance based on existing services and coverage, traffic crashes, and other key measures;
- Identify congested corridors across the defined CMP Network;
- Consider the trend in system performance over time based on current conditions versus conditions documented in the TPO's previous *Trends and Conditions Reports*; and
- Provide a foundation for evaluating performance of the CMP transportation network in future System Performance reports.

### 3.0 SYSTEM-WIDE PERFORMANCE SUMMARY

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The CMP Network consists of existing (2008) and committed (2013) (E+C) transportation facilities that are identified by the TPO through the long-range transportation planning process. The CMP corridors are based on the TPO's approved designated RND. The following provides a summary of the System-Wide performance analysis performed on the CMP Network and for roadways within the defined CMP Area. Appendix A-1 contains a complete summary of all calculated performance measures.

#### 3.1 Vehicle Miles Traveled (VMT)

Vehicle Miles Traveled (VMT) is determined by the vehicle utilization on the 448 roadway segments totaling 995 miles of the defined CMP Network. VMT is calculated as the sum of the Annual Average Daily Traffic (AADT) of each roadway segment multiplied by the length (in miles) of each segment. The total VMT of the CMP Network in 2008 was approximately 4.76 Billion (Table 3.1).

**Table 3.1: Vehicles Miles Traveled on CMP Network, 2008**

Vehicle Miles Traveled CMP Network
4,762,269,975

#### 3.2 Vehicle Miles Traveled (VMT) By Level of Service (LOS)

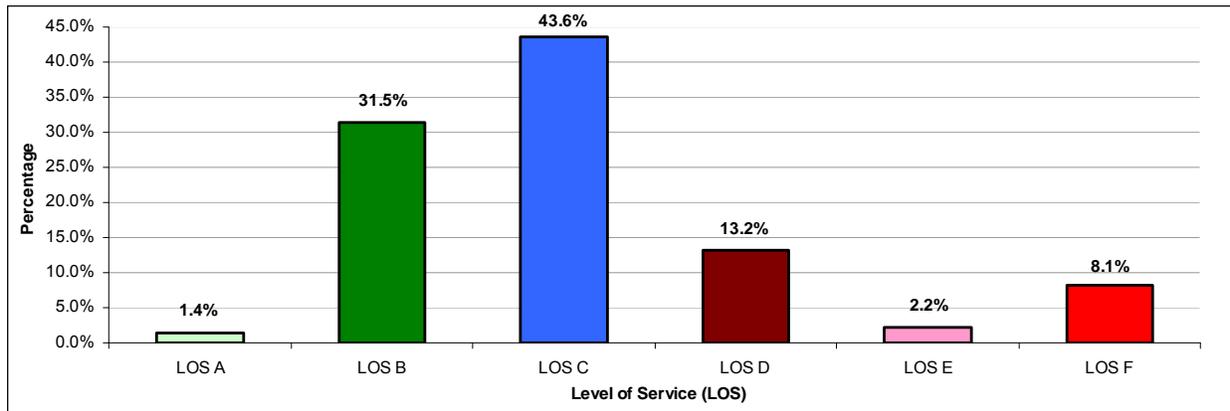
VMT by Level of Service (LOS) is the vehicle utilization on the roadway segments of the defined CMP Network by levels of congestion (LOS A to LOS F). Table 3.2 and Figure 3.1 summarize the VMT by LOS for the CMP network in 2008. As displayed, LOS C (43.6%) and LOS B (31.5%) constitute the two largest classifications. Congested roadways classified as LOS D through LOS F constitute slightly over 23% of the total VMT of the CMP Network.

**Table 3.2: Vehicles Miles Traveled on CMP Network  
by Level of Service (LOS), 2008**

LOS A	LOS B	LOS C	LOS D	LOS E	LOS F
68,484,585	1,498,738,545	2,076,087,515	627,039,705	106,027,390	385,892,235

Figure 3.2 displays the current LOS of the roadways on the defined CMP Network, based on 2008 traffic count data.

**Figure 3.1: Percent Vehicles Miles Traveled on CMP Network by Level of Service (LOS), 2008**



### 3.3 Traffic Crashes

Traffic crashes include the total number of crashes on all roadways within the defined CMP Area, including both injuries and fatalities, and bicycle and pedestrian crashes. The following provides a summary of the crash statistics from 2006 to 2008. As displayed in Table 3.3, a total of **27,800** crashes were recorded during the three-year period. There were 189 fatal crashes resulting in 218 fatalities; and 8,416 injury crashes resulting in 13,375 total injuries.

**Table 3.3: Crash Summary Data, 2006-2008**

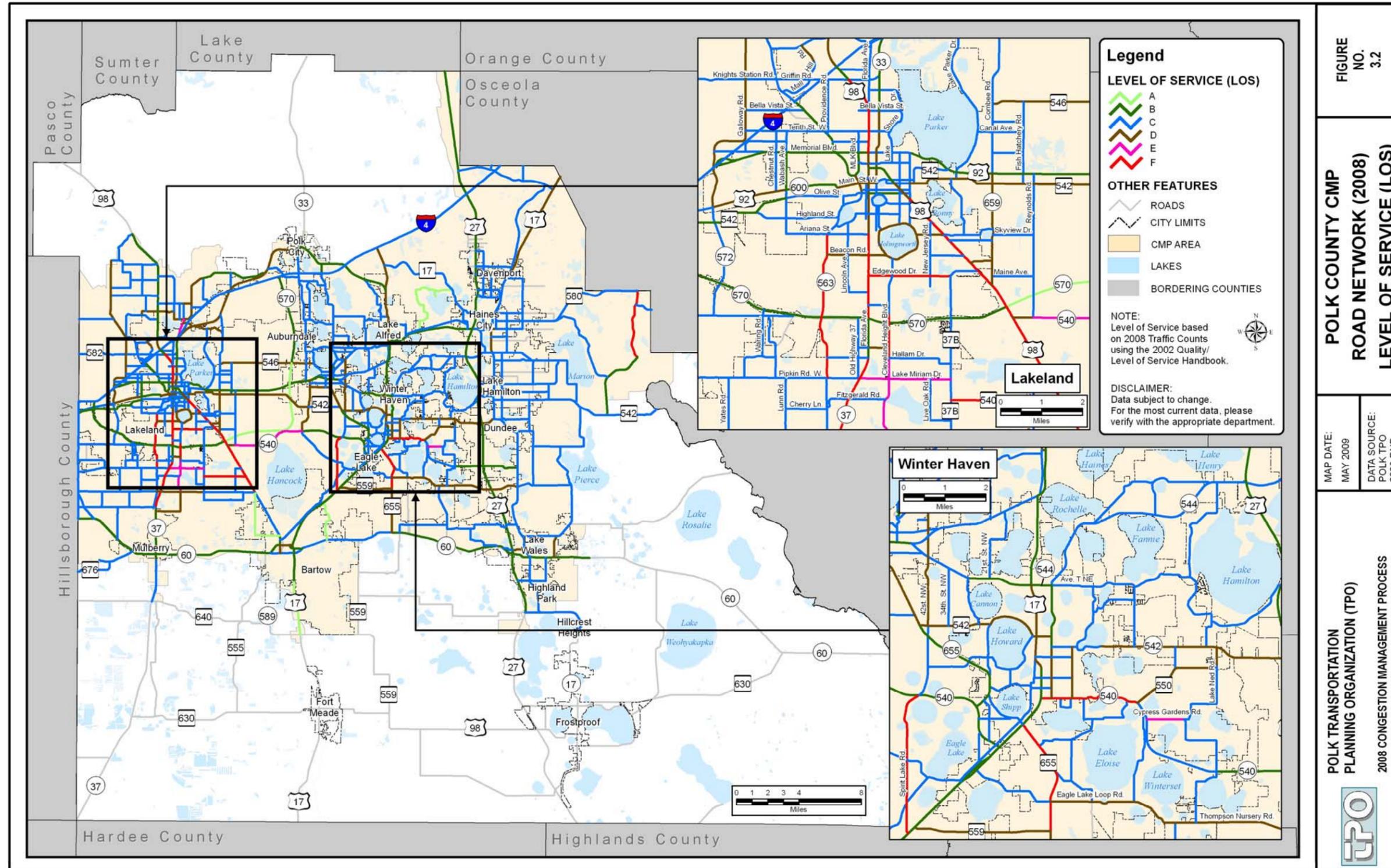
Crash Statistic	Totals 2006-08
<b>Total Crashes</b>	<b>27,800</b>
Annual Average Crashes per 100,000 Population*	1,744
<b>Injury Crashes</b>	<b>8,416</b>
Total Injuries	13,375
Annual Average Injury Crashes per 100,000 Population*	528
<b>Fatal Crashes</b>	<b>189</b>
Total Fatalities	218
Annual Average Fatal Crashes per 100,000 Population*	12

\*Based on 2010 TAZ population data within the CMP Area; 3-year annual average  
Source: Polk County Crash Data

### 3.4 Bicycle Crashes

Bicycle crashes include the total number of crashes involving bicyclists on all roadways within the defined CMP Area, including both injuries and fatalities. A total of **872** bicycle-related crashes occurred during the three-year time period (2006-2008). There were 373 injury crashes and 10 fatal crashes involving bicyclists (Table 3.4).

Figure 3.2: CMP Road Network LOS (2008)



I:\Polk County GPC\Congestion Mgmt Process\Gis\Applications\mxd\Figure 4\_2\_CMP\_yr08\_Polk\_Major\_Roadway\_LOS.mxd created by LAV, URS Corporation, on May 11th, 2009.

**Table 3.4: Bicycle Crashes, 2006-2008**

Crash Statistic	Total 2006-2008
<b>Bicycle Crashes</b>	<b>872</b>
Bicycle Injury Crashes	373
Bicycle Fatal Crashes	10
Annual Average Bicycle Crashes per 100,000 Population*	54.7

\*Based on 2010 TAZ population data within the CMP Area; 3-year annual average  
Source: Polk County Crash Data

### 3.5 Pedestrian Crashes

Pedestrian crashes include the total number of crashes involving pedestrians on all roadways within the defined CMP Area, including both injuries and fatalities. A total of **1,148** pedestrian-related crashes occurred during the three-year time period (2006-2008). There were 227 injury crashes and 1 fatal crash involving pedestrians (Table 3.5).

**Table 3.5: Pedestrian Crashes, 2006-2008**

Crash Statistic	Total 2006-2008
<b>Pedestrian Crashes</b>	<b>1,148</b>
Pedestrian Injury Crashes	227
Pedestrian Fatal Crashes	1
Average Annual Pedestrian Crashes per 100,000 Population*	72

\*Based on 2010 TAZ population data within the CMP Area; 3-year annual average  
Source: Polk County Crash Data

### 3.6 Bicycle Facilities

Bicycle facilities reflect the total length in miles of existing and committed (E+C) bicycle facilities (on-road bicycle lanes, shoulders, off-road trails for bicycles) on the defined CMP Network and Area. As displayed in Table 3.6 and Figure 3.3, existing paved shoulders comprise the majority of the bicycle facility system, constituting a total of 213.1 miles, followed by existing bicycle lanes (23.7 miles), off-road trails for bicyclists (16.4 miles), and wide lanes (1.5 miles). There are currently no committed bicycle facilities through 2013. Figure 3.4 depicts the existing bicycle facilities on the defined CMP Network and Area.

**Table 3.6: CMP Bicycle Facilities**

Bicycle Facility	Length (miles)	Percent
Committed Bicycle Facilities	0	0%
Existing Bicycle Lanes	23.7	9.3%
Existing Paved Shoulders	213.1	83.7%
Existing Wide Lanes	1.5	0.6%
Existing Off-Road Trails for Bicycles	16.4	6.4%
<b>Total:</b>	<b>254.7</b>	

Source: Polk TPO 2008 RND

**Figure 3.3: CMP Bicycle Facilities by Type**

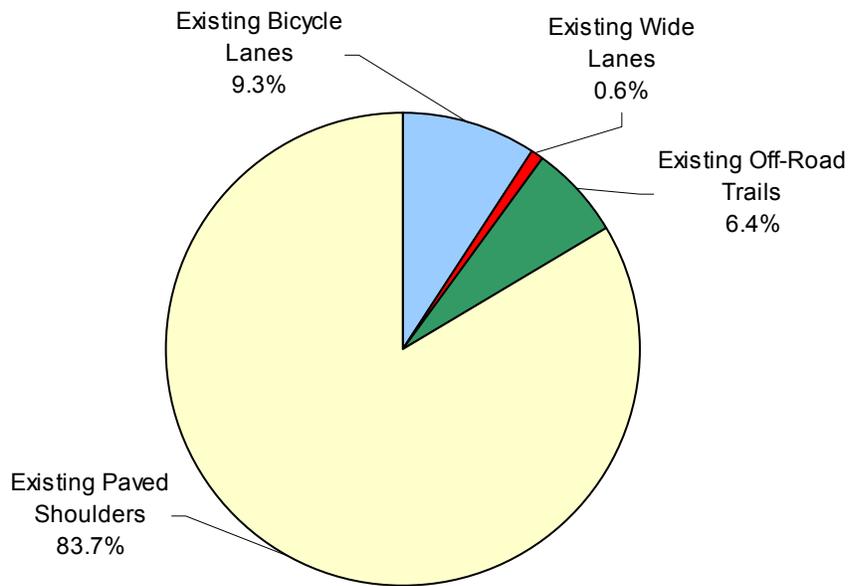
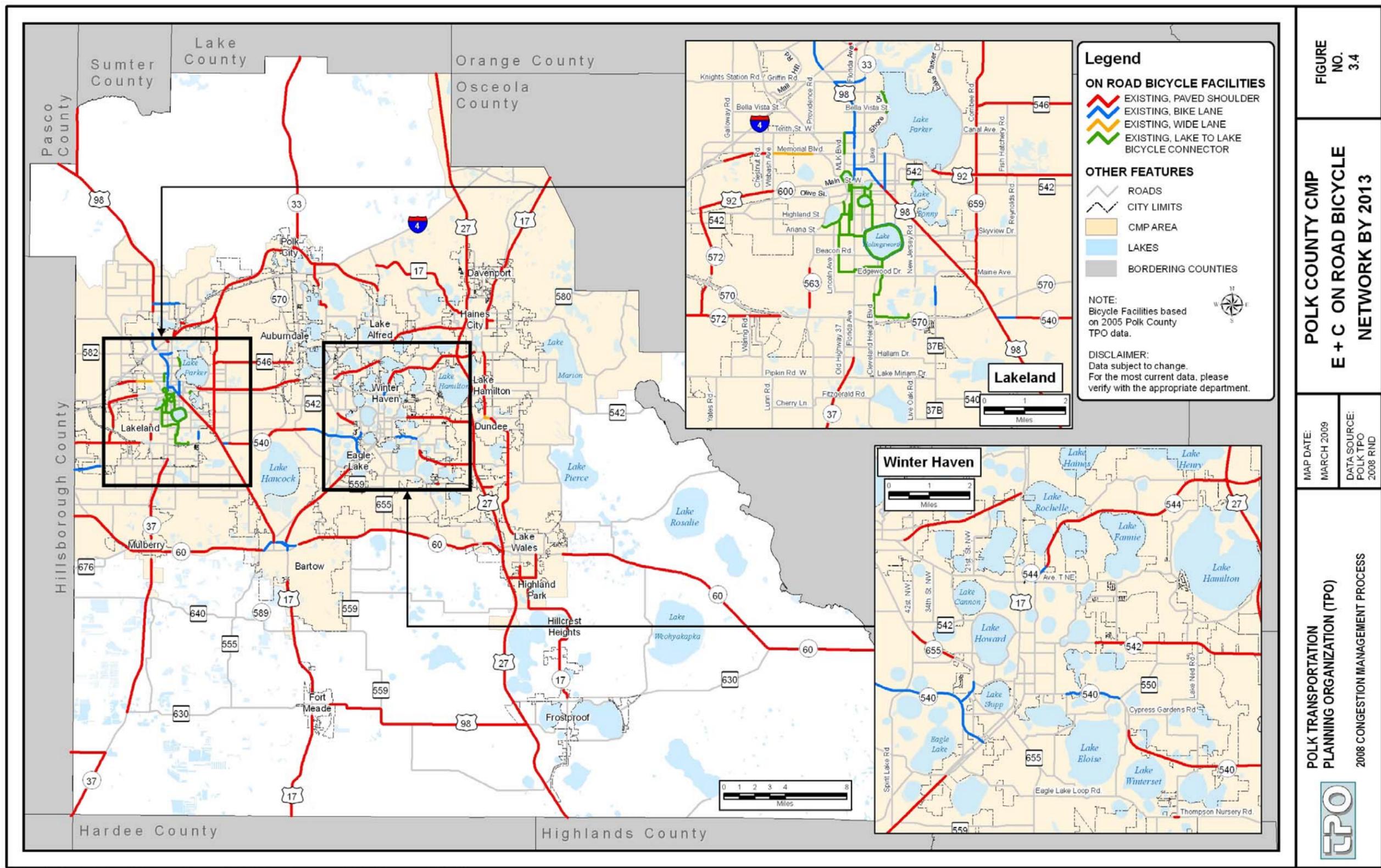


Figure 3.4: CMP Existing and Committed Bicycle Network



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### 3.7 Pedestrian Facilities

Pedestrian facilities reflect the total length in miles of existing and committed (E+C) pedestrian facilities (including sidewalks, off-road trails and greenways for pedestrians) on the defined CMP Network and Area. As displayed in Table 3.7 and Figure 3.5, existing sidewalks comprise the majority of the pedestrian facility system, constituting a total of 199.5 miles, followed by off-road trails for pedestrians (27.5 miles). Figure 3.6 depicts the existing and committed pedestrian facilities on the defined CMP Network and Area.

**Table 3.7: CMP Pedestrian Facilities**

Pedestrian Facility	Length (miles)	Percent
Existing Sidewalks	199.5	87.8%
Existing Off-Road Trails for Pedestrians	27.5	12.1%
<b>Total:</b>	<b>227.0</b>	<b>100.0%</b>

Source: Polk TPO 2008 RND

**Figure 3.5: CMP Pedestrian Facilities by Type**

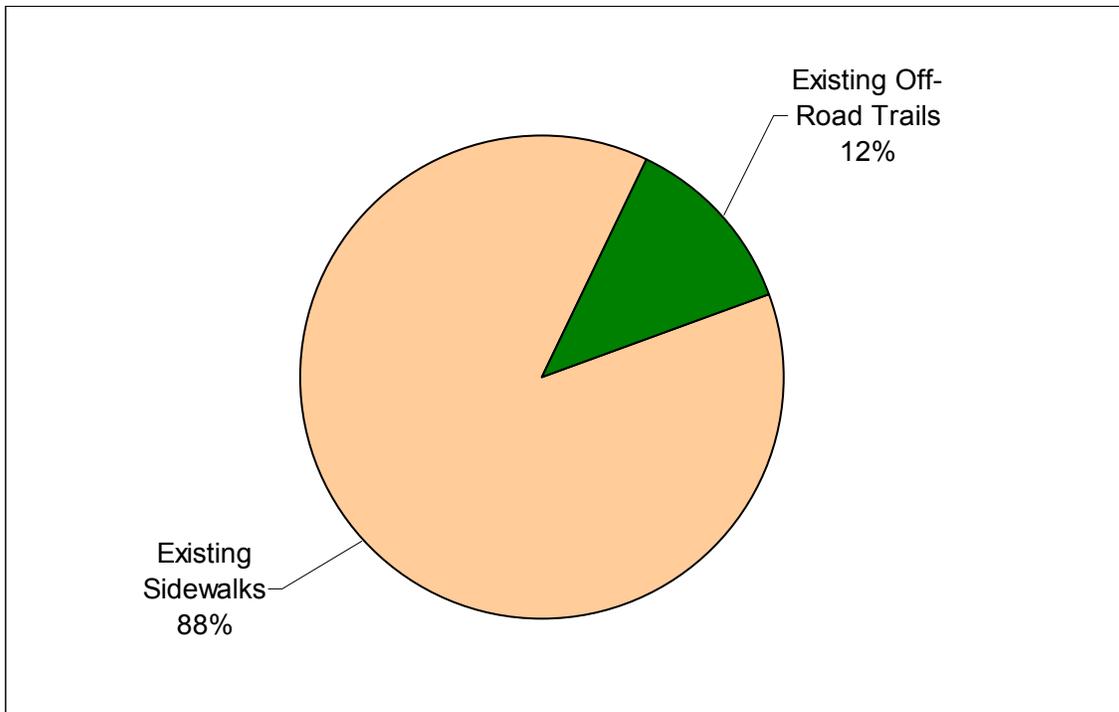
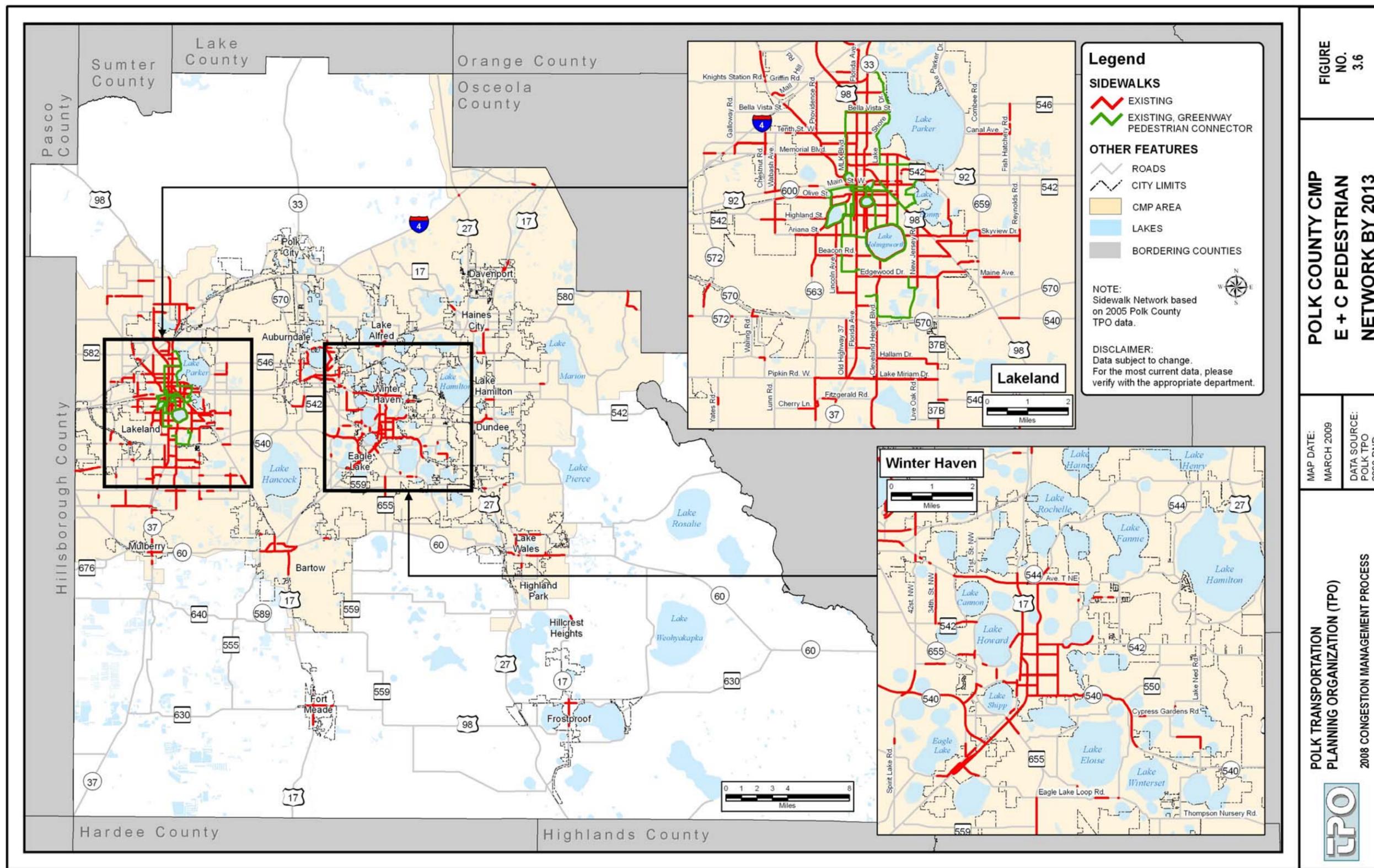


Figure 3.6: CMP Existing and Committed Pedestrian Network



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### 3.8 Off-Road Multiuse Trail Facilities

Off-Road multiuse trail facilities reflect the total length in miles of existing and committed off-road trails classified for both bicyclists and pedestrians within the defined CMP Area. As displayed in Table 3.8, existing off-road facilities constitute a total of 49.9 miles, and committed facilities constitute 2.8 miles. Figure 3.7 depicts the existing and committed off-road multiuse facilities located within the CMP Area.

**Table 3.8: CMP Off-Road Multiuse Trail Facilities**

Off-Road Facility	Length (miles)	Percent
Committed Off-Road Trails	2.84	7.2%
Existing Off-Road Trails	50.11	92.8%
<b>Total:</b>	<b>52.96</b>	<b>100.0%</b>

Source: Polk TPO 2008 RND

### 3.9 Transit Route Network

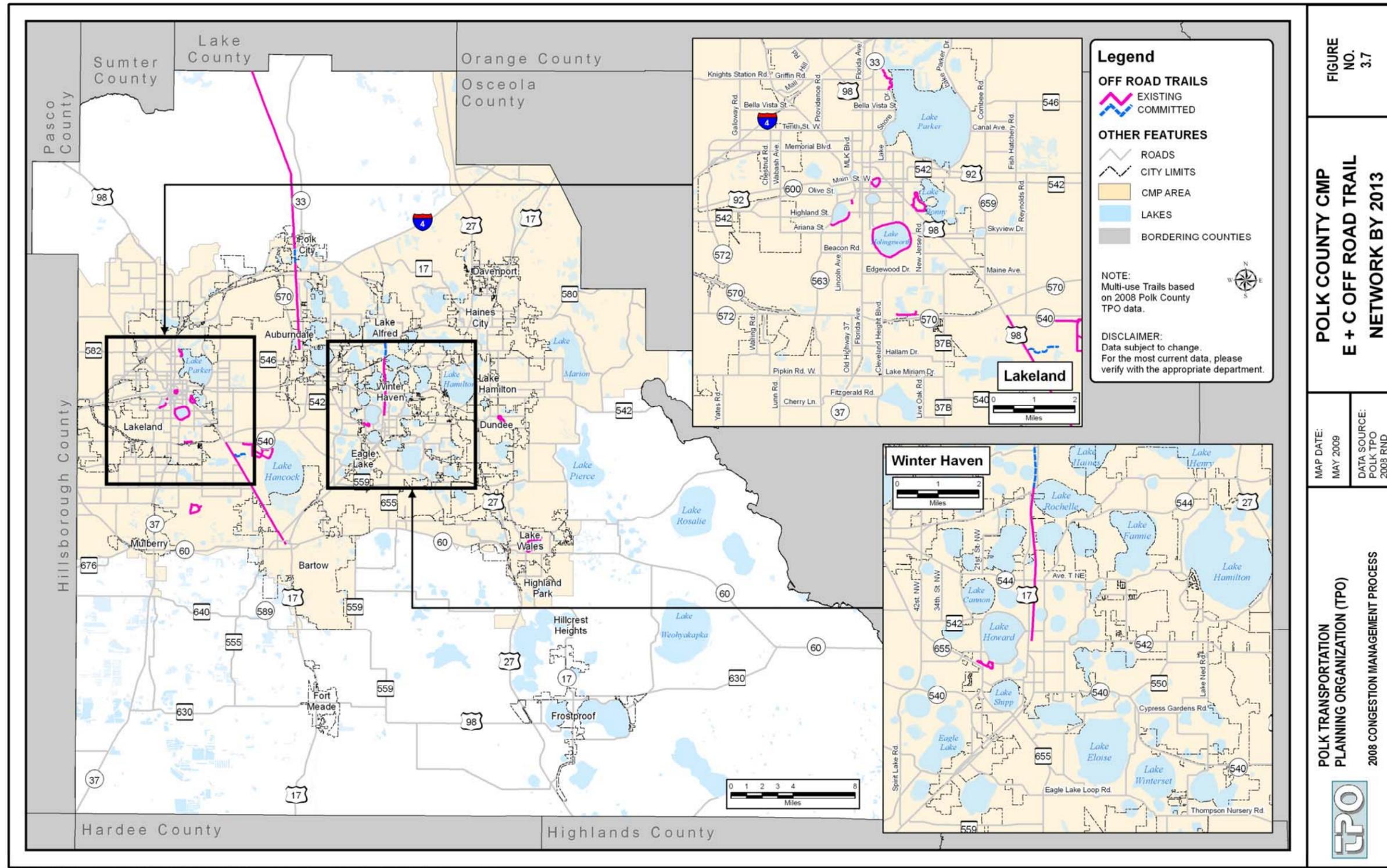
The total fixed route E+C transit coverage on the CMP Network within the CMP Area includes Lakeland Area Mass Transit (LAMTD), also called the Citrus Connection, Polk County Transit operated under the Board of County Commissioners (BOCC), and Winter Haven Area Transit (WHAT). The committed I-4 Express Service and North Ridge Circulator routes are also included in the E+C coverage. Figure 3.8 displays the CMP transit network, including park-and-ride and bus terminal facilities. The network includes the entire E+C fixed-route bus system and regional services. The total transit coverage of the CMP Network represents the length in miles of all network roadway segments served by E+C fixed routes. Roadway segments served by more than one fixed route reflect only the total length of transit coverage for that particular segment, and do not include overlapping coverage (Table 3.9).

**Table 3.9: CMP Transit Route Network**

Transit Route Network	Length (miles)
Committed Network	41.5
Existing Network	297.8
<b>Total Network Coverage:</b>	<b>339.3</b>

Source: Polk TPO 2008 RND

Figure 3.7: CMP Existing and Committed Off-Road Multiuse Trails Network



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### 3.10 Population Served By Transit

Population served by transit includes the percentage of population located in Traffic Analysis Zones (TAZs) within ¼ mile of fixed route transit service in the CMP Area. Population data is derived from socioeconomic projections (ZDATA) to 2010 made by the TPO for each TAZ. The TAZs contained within the CMP Area are projected to have a total population of 531,744 in 2010. Based on this statistic and comparison of E+C transit coverage, a total of 170,008 residents live in TAZs within ¼ mile of transit service, which constitutes 32% of the total CMP Area population (Table 3.10).

**Table 3.10: Population Served by Transit, CMP Area of Application\***

Population Statistic	2010
Population of CMP Area	531,744
Population within ¼ Mile of Transit Service	170,008
Percent of CMP Area Population within ¼ mile of Transit Service	32%

\*Based on 2010 TAZ population data  
Source: Polk TPO 2006-2060 Population and Employment Projections (ZDATA)

### 3.11 Transit Ridership

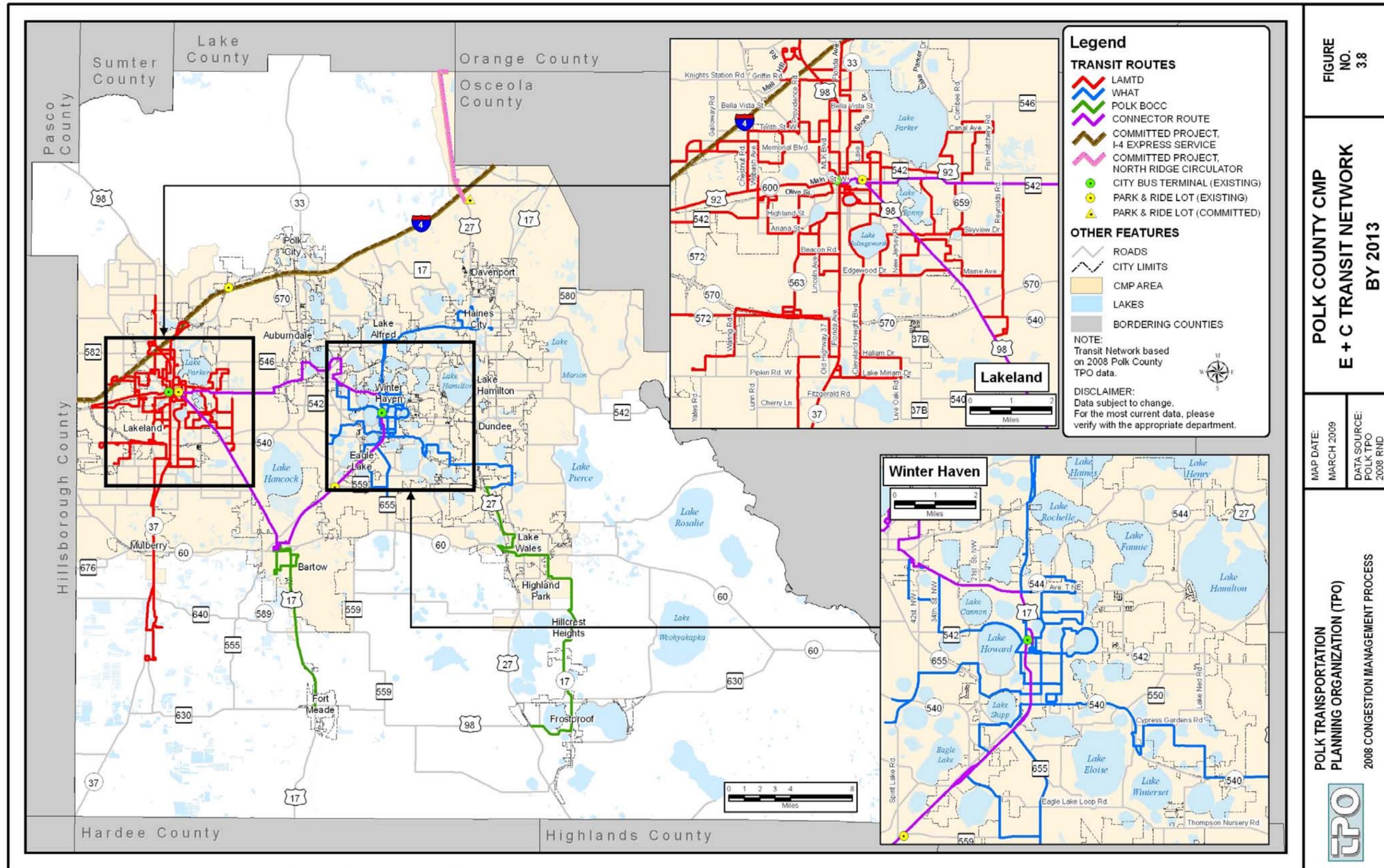
The total annual passenger trips by fixed transit routes within the defined CMP Area, including service by LAMTD, Polk County BOCC, and WHAT for the fiscal year (FY) 2007-2008 (October to September) was **2,089,985** trips (Table 3.11). This statistic includes the total ridership for each respective fixed transit route within the three transit systems. It should be noted that one LAMTD route (Route 37 South) and the two Polk County BOCC routes (Routes 25, 35) serve areas outside of the CMP Area of Application. However, since these routes also serve the CMP Network within the defined CMP Area, the ridership statistics are reflected in the average weekday and annual totals in Table 3.11.

**Table 3.11: Transit Ridership, FY 2007-2008**

Transit Service	Average Weekday Boardings	Total Annual Boardings
Lakeland Area Mass Transit District (LAMTD)	6,284	1,602,322
Polk County Rural Transit Routes (BOCC)	N/A	51,261
Winter Haven Area Transit (WHAT)	1,711	436,402
<b>Total Transit System Ridership:</b>		<b>2,089,985</b>

Source: LAMTD, BOCC, WHAT Ridership Data

Figure 3.8: CMP Existing and Committed Transit Network



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### 3.12 Registered Carpool/Vanpool Participants

The Florida Department of Transportation (FDOT) Commuter Services program provides carpooling and vanpooling matching services to employers and employees in FDOT District One. The program was initiated in 2007. In 2008 (January through December), there were a total of 779 registered participants in the program living or working in Polk County, including 46 registered carpoolers. There were no vanpool participants registered in 2008. These statistics include the total Cross-County participants (living in Polk and traveling outside of Polk, or living outside of Polk and traveling inside Polk) and Cross-District participants (living or working in Polk County, and traveling outside of District One; i.e., Miami, Orlando, Tampa) (Table 3.12).

**Table 3.12: Registered Carpool/Vanpool Participants, 2008**

<b>Commuter Services Program Participants Polk County</b>	<b>Number of Participants (2008)</b>
Total Registered Participants	779
Registered Carpoolers	46
Registered Vanpoolers	0

### 3.13 CMP Performance Measures System-Wide Summary

Table 3.13 provides summaries of the System-Wide Performance Measures used in the analysis of the CMP Network and Area.

**Table 3.13: CMP Performance Measures, System-Wide Summary**

<b>Polk TPO Congestion Management Process</b>					
<b>Vehicle Miles Traveled (VMT):</b>					<b>4,762,269,975</b>
<b>Vehicle Miles Traveled (VMT) by Level of Service (LOS)</b>					
LOS A	LOS B	LOS C	LOS D	LOS E	LOS F
1.4%	31.5%	43.6%	13.2%	2.2%	8.1%
<b>Total Number of Crashes (2006-2008):</b>					<b>27, 800</b>
Injury Crashes:					8,416
Fatal Crashes:					189
Annual Average Per 100,000 Population					1,744
<b>Total Number of Bicycle Crashes (2006-2008):</b>					<b>872</b>
Injury Crashes:					373
Fatal Crashes:					10
Annual Average Per 100,000 Population:					54.7
<b>Total Number of Pedestrian Crashes (2006-2008):</b>					<b>1,148</b>
Injury Crashes:					227
Fatal Crashes:					1
Annual Average Per 100,000 Population:					72
<b>Bicycle Facilities (length in miles):</b>					<b>254.7</b>
Committed Bicycle Lanes:					0
Existing Bicycle Lanes:					23.7
Existing Paved Shoulders:					213.1
Existing Wide Lanes:					1.5
Off-Road Trails for Bicycles:					16.4
<b>Pedestrian Facilities (length in miles):</b>					<b>227</b>
Existing Sidewalks:					199.5
Off-Road Trails for Pedestrians:					27.5
<b>Transit Route Network:</b>					
(length in miles of total system)					<b>339.3</b>
Committed Network:					41.5
Existing Network:					297.8
<b>Population Served by Transit, 2010 (within 1/4 mile or stop or station)</b>					<b>170,008</b>
Percentage of Total Population within CMP Area of Application					32%
<b>Annual Transit Ridership</b>					
Combined LAMTD, Polk BOCC, WHAT					<b>2,089,985</b>
<b>Registered Carpool/Vanpool Participants (2008)</b>					
Total Registered Participants:					779
Carpool Participants:					46
Vanpool Participants:					0

## 4.0 CORRIDOR-LEVEL PERFORMANCE REPORT

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The following section provides a summary of the congested roadway corridors within the defined CMP Network and Area. The summary is based on an analysis of all 448 segments of the CMP Network. Additionally, a summary is provided of the existing performance measure data available for use at the corridor-level analysis of roadways within the defined CMP Network and Area.

### 4.1 CMP Congested Corridors

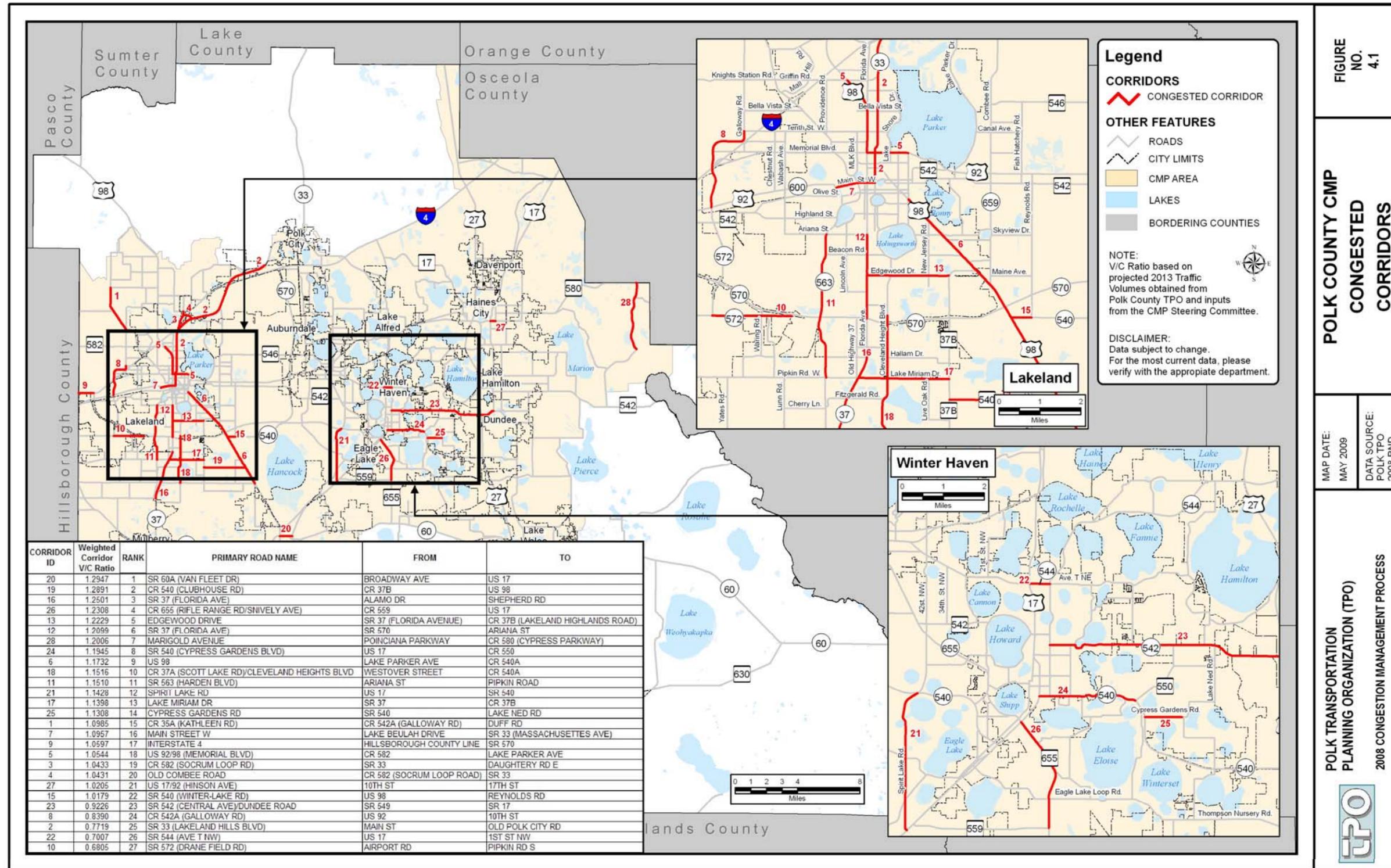
According to the *Congestion Management Process Definition and Framework*, the CMP Network consists of segments and corridors. Segments represent one section of a roadway with a defined length (i.e., 0.5 miles). A segment is considered congested based on the current LOS standard(s) set forth by Polk County. Congested corridors are defined by determining the sum of the V/C ratios of individual segments multiplied by their lengths, divided by the corridor length:

$$\text{Corridor Weighted V/C Ratio} = \frac{\sum (\text{Segment V/C} \times \text{Segment Length})}{\text{Corridor Length}}$$

A ratio greater than one ( $V/C > 1.0$ ) reflects a congested corridor operating over capacity. Based on the V/C analysis and subsequently reviewed by the CMP Steering Committee review, a total of 21 corridors shown in Figure 4.1 were identified as above capacity by 2013. The corridors displayed in red reflect a V/C ratio greater than one. In addition, six corridors which were determined by the CMP Steering Committee as potentially congested by 2013 are also included. Table 4.1 displays all 27 corridors ranked by weighted V/C ratio.

Appendix A-2 provides the complete list of the CMP segments which were analyzed in the System Performance Report. Appendix A-3 provides a corridor-level report template which may be used in the completion of an analysis of the 28 congested corridors.

Figure 4.1: Congested CMP Corridors



I:\Polk County GPC\Congestion Mgmt Process\GIS\Applications\mxd\Figure 4\_1\_CMP\_r08\_LOS\_Above\_Capacity\_w\_Corr\_ID\_by\_Rank\_r2.mxd created by LAV, URS Corporation, on May 11th, 2009.

**Table 4.1: Congested CMP Corridors (Ranked by Weighted V/C Ratio)**

Rank	Corridor	From	To	Corridor Length (miles)	Weighted Corridor V/C Ratio
1	SR 60A (Van Fleet)	Broadway Ave	US 17	1.03	1.29
2	CR 540 (Clubhouse)	CR 37B	US 98	3.48	1.29
3	SR 37 (Florida Ave)	Shepherd Rd	Alamo Dr	4.01	1.25
4	CR 655 (Rifle Range Rd/Snively Ave)	CR 559	US 17	3.56	1.23
5	Edgewood Dr	SR 37 (Florida Ave)	CR 37B (Lakeland Highlands Rd)	2.44	1.22
6	SR 37 (Florida Ave)	SR 570	Ariana St	2.48	1.21
7	Marigold Ave	Poinciana Pkwy	CR 580 (Cypress)	5.39	1.20
8	SR 540 (Cypress Gardens)	US 17	CR 550	2.89	1.19
9	US 98	CR 540A	Lake Parker Ave	8.62	1.17
10	CR 37A (Scott Lake Rd)/Cleveland Heights Blvd	Westover St	CR 540A	3.58	1.15
11	SR 563 (Harden Blvd)	Pipkin Rd	Ariana St	4.13	1.15
12	Spirit Lake Rd	US 17	SR 540	4.06	1.14
13	Lake Miriam Dr	SR 37	CR 37B	2.52	1.14
14	Cypress Gardens Rd	SR 540	Lake Ned Rd	1.03	1.13
15	CR 35A (Kathleen Rd)	CR 542A (Galloway Rd)	Duff Rd	3.29	1.10
16	Main Street W	Lake Beulah Dr	SR 33 (Massachusetts)	1.05	1.10
17	I-4	Hillsborough County	SR 570	1.03	1.06
18	US 92/98 (Memorial)	CR 582	Lake Parker Ave	3.10	1.05
19	CR 582 (Socrum Loop Rd)	SR 33	Daugherty Rd E	1.27	1.04
20	Old Combee Rd	CR 582 (Socrum Loop Rd)	SR 33	0.68	1.04
21	US 17/92 (Hinson Ave)	10th St	17th St	0.33	1.02
22	SR 540 (Winter-Lake)	US 98	Reynolds Rd	0.50	1.02
23	SR 542 (Central Ave)/Dundee Rd	SR 549 (1st St North)	SR 17 (Ridge Scenic Highway)	6.28	0.92*
24	CR 542A (Galloway)	US 92	10TH St	2.13	0.84*
25	SR 33/Lakeland Hills Blvd/Massachusetts	Main St	Old Polk City Rd	8.56	0.77*
26	SR 544 (Ave T NW)	US 17	1st St NW	0.35	0.70*
27	SR 572 (Drane Field)	Airport Rd	Pipkin Rd S	1.32	0.68*

(\*) Corridor added by CMP Steering Committee

## **4.2 Performance Measure Data Availability**

Certain data elements are not currently available at the corridor level or exhibit other problems that prevent their use for the CMP. These are discussed below. Over time and as resources permit, the TPO anticipates acquiring the missing data and resolving these issues. As complete information becomes available the TPO will be able to document mobility conditions in each of the congested corridors using a summary profile like the one shown in Appendix A-3.

## **4.3 Intersection Level of Service (LOS) Data**

To obtain intersection LOS needed to track corridor-level performance, turning movement counts must be acquired and analyzed using Highway Capacity Software, ARTPLAN or similar software. Turning movement counts are available for only a limited number of intersections from traffic studies conducted by the TPO or other jurisdictions in Polk County. Table 4.2 lists the major intersections along the 28 congested corridors, with the second column showing where two over-capacity corridors intersect (and therefore are congested).

In 2009, the TPO engaged URS to conduct more detailed arterial analyses of the LOS of selected roadway segments and intersections. Thus, turning movement counts and intersection LOS may become available for some of the intersections highlighted in yellow. In addition, relatively recent counts taken within the past two years are available from jurisdictional sources for the intersections shown in orange.

Collectively, there are 121 intersections along the congested corridors, 5 of which currently have turning movement counts available from jurisdictional sources, 45 of which may be subject to an arterial analysis in 2009, and 71 of which currently lack data. Over time, the missing data are expected to be acquired as resources permit.

## **4.4 Crash Data**

The TPO acquires crash data from crash reports compiled by Polk County. The data comes in tabular and GIS formats. The GIS crash data ties crash report data to specific segments or nodes (intersections). Investigation of the GIS data, however, has revealed two problems that impede the ability to analyze crashes along specific corridors. First, nodes do not appear to have been established for many intersections in the City of Winter Haven. Second, many nodes, particularly those in the City of Lakeland, are not aligned with the underlying road network. Resolving these two problems is not particularly difficult but will require a number of hours of a GIS analyst's time.

**Table 4.2: Corridor-Level Intersection Level of Service (LOS) Data**

ID	Road Name	Intersections On CMP Network	Intersections of Over Capacity Corridors
1	CR 35A (Kathleen Road)	Duff Road Deesan Road Galloway Road	
2	SR 33	Old Polk City Road Tomkow Road I-4 Ramps SR 659 (Combee Rd) CR 582 (Florida Ave) CR 582 (Griffin Rd) Granada Street Bella Vista Street Parkview Place Parker Street SR 548 (Bartow Road) Pine Street	US 92/98 Memorial Main Street West CR 582 (Socrum Loop Rd)
3	CR 582 (Socrum Loop Road)	Daugherty Road East	
4	Old Combee Road		SR 33 CR 582 (Socrum Loop Rd)
5	US 92/98 (Memorial Boulevard)	CR 582 (Griffin Rd) Florida Avenue North Bella Vista Street Fifth Street SR 35 (Florida Avenue) Lake Shore Drive Ingraham Avenue US 98/Lake Parker Ave	MLK Boulevard
6	US 98	Lake Parker Avenue New Jersey Road Crystal Lake Drive North Crystal Lake Drive South Sylvester Road A-Z Park Road Edgewood Drive SR 659 (Combee Rd) SR 570 (Polk Parkway) Colbert Road CR 540A (Central Bard Rd)	SR 540 (Winter-Lake Rd) CR 540 (Clubhouse Rd)
7	Main Street West	SR 600 (George Jenkins Blvd) SR 563 (Sikes Blvd) Missouri Avenue SR 37 (Florida Avenue)	
8	CR 542A (Galloway Road)	Tenth Street Swindell Road I-4 Ramps US 92	
9	I-4	County Line Road SR 570 (Polk Parkway)	
10	SR 572 (Drane Field Road)	SR 572 (Airport Road) Waring Road Pipkin Road South SR 570 (Polk Parkway)	
11	SR 563 (Harden Boulevard)	Ariana Street Beacon Road Alamo Drive Pipkin Road West	
12	SR 37 (Florida Avenue)	Ariana Street Beacon Road Lincoln Avenue Pinellas Street SR 570 Ramps Cleveland Heights Blvd	Edgewood Drive
13	Edgewood Drive	New Jersey Road CR 37B (Lakeland High. Rd) Reynolds Road	
15	SR 540 (Winter-Lake Road)	Alamo Drive Fitzgerald/Schoolhouse CR 540A (Central Barn Rd)	Lake Miriam Drive
16	SR 37 (Florida Avenue)	Live Oak Road/Lake Seward CR 37B (Lakeland Heights Rd)	CR 37A (Scottlake Road)
17	Lake Miriam Drive	SR 570 (Polk Parkway) Highlands Drive Hallam Drive Fitzgerald/Schoolhouse CR 540A (Central Barn Rd)	
18	CR 37A/Cleveland Heights Blvd/ Scottlake Road	CR 37B (Lakeland Highlands) Yarborough Lane	
19	CR 540 (Clubhouse Road)	Broadway Avenue US 17/98	
20	SR 60 (Van Fleet Drive)	SR 540 (Winter-Lake Road) Crystal Beach Road Old Bartow Eagle Lake Road US 17	
21	Spirit Lake Road	US 17 SR 549 (First St N)	
22	SR 544 (Ave T NW)	SR 549 Sixth Street SE Lake Elbert Drive Buckeye Loop Road Carl Floyd Road County Club Road S CR 550 (Overlook Dr)	
23	SR 542/Central Avenue/ Dundee Road	US 27 SR 17	
24	SR 540 (Cypress Gardens Blvd.)	US 17 First Street South Third Street SE Sixth Street SE Ninth Street SE CR 550 (Overlook Dr)	
25	Cypress Gardens Road	SR 540 Lake Ned Road	
26	CR 655 (Rifle Range Road/ Snively Avenue)	US 17 American Superior Blvd Eloise Loop Road Eagle Lake Loop Road CR 559 (Bomber Road)	
27	US 17/92 (Hinson Avenue)	10th Street 17th Street	
28	Marigold Avenue	Poinciana Parkway CR 580 (Cypress Parkway)	

Yellow = Subject to Arterial Analysis  
Orange = Data Available from Others

## **4.5 Bicycle and Pedestrian Crash Rate Data**

Bicycle and pedestrian safety is a particular concern of the TPO, and the CMP recognizes this by tracking bicycle and pedestrian crash rates at the corridor level. Assuming that the above-noted geo-coding issues can be resolved, there is still the issue of calculating bicycle and pedestrian crash rates. Vehicular crashes are typically divided by traffic volumes to derive a crash rate per million vehicles or vehicle-miles for a corridor. However, bicycle and pedestrian traffic volumes (also known as “exposure data”) are not often collected, thereby making bicycle and pedestrian crash rates difficult to obtain. One alternative is to use population data within a defined buffer along the corridor in the denominator, resulting in a crash rate per capita. While not a perfect measure – for instance, it does not take into account demographic differences – crash rates per capita can be an acceptable substitute for CMP purposes.

## **4.6 Truck Traffic Data**

Trucks and heavy vehicles, measured in volume as well as a percentage of all vehicles, are also a corridor-specific measure. Such data is available for state roads; however, truck count data is generally not available off the state road system. Such data should be collected via classification counts at least on identified truck routes in Polk County.

Table 4.3 summarizes the availability of performance measure data at the corridor level.

**Table 4.3: Corridor-Level Performance Measures Data Summary**

Data Needed	Available for Segments	Available for Intersections
<b>Corridor Level of Service (LOS)</b>		
Daily LOS	✓	
Peak Period (AM, PM) LOS	✓	
<b>Crash Rates</b>		
Crash Totals		
Rate by VMT		N/A
Rate by MEV	N/A	
<b>Truck Counts</b>		
State Roads	✓	N/A
Non-State Roads		N/A
<b>Bicycle Crash Rates</b>		
Crash Totals		
Bicycle Counts		
<b>Pedestrian Crash Rates</b>		
Crash Totals		
Pedestrian Counts		
<b>Transit Access</b>		
Sidewalks Connectivity to Transit Stops, ADA Bus Pads	✓	N/A
<b>Transit Frequency (Headways) - Per Route</b>		
Peak	✓	N/A
Off-Peak	✓	N/A
<b>Transit Span of Service - Per Route</b>		
Peak	✓	N/A
Off-Peak	✓	N/A
<b>Planned Improvements</b>		
Committed (Adopted 2008/09 - 2012/13 TIP)	✓	✓
<b>Designation as Potential Constrained Corridor; Multimodal LOS District; Core Transit Route</b>	✓	N/A

Legend

✓ – Currently Available

N/A – Not Applicable

## 5.0 CONCLUSION & NEXT STEPS

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For several years, the Polk TPO has had a Congestion Management System in place to identify mobility and safety problems. Funding has been reserved and projects implemented to address these problems. What has been missing, and is needed to meet recent federal guidelines, is an objectives-driven analytical process conducted in collaboration with operational agencies at regular intervals to review and evaluate the outcomes of these projects.

This is the first System Performance Report produced under the Congestion Management Process as outlined by the *CMP Definition and Framework*. As such, it is a “work in progress”. It builds on current data collection practices and documents such as the annual *Trends and Conditions Report* to provide a systematic evaluation of transportation mobility and conditions within the CMP Network and Area. It employs multi-modal performance measures chosen in a collaborative manner by the TPO and the CMP Steering Committee.

This report will be updated in the future to take stock of changing conditions at the system level, and as more data becomes available, at the corridor level. Some of this data may come from more in-depth arterial analysis expected to take place in 2009. Summary Profiles will be produced and added to this report for the corridors identified in this report. Over time, more detailed study of selected corridors will enable the TPO to identify causal factors, target improvements to address specific problems, and evaluate their effect on mobility and safety conditions.

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## **APPENDIX**

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**A-1: Polk TPO 2008 CMP System-Wide Performance Measure  
Analysis Summary**

**A-2: Polk CMP Road Network**

**A-3: Corridor-Level Summary Report Template**

**A-1: Polk TPO 2008 CMP System-Wide  
Performance Measure Analysis Summary**

**Polk County 2008 CMP System-Wide Performance Measures Summary**

1)	2008 Annual Vehicle Mile Traveled (Annual VMT) on CMP Network:		4,762,269,975
2)	2008 Annual VMT by Level of Service (LOS):		
	LOAS A =	1.44%	68,484,585
	LOAS B =	31.47%	1,498,738,545
	LOAS C =	43.59%	2,076,087,515
	LOAS D =	13.17%	627,039,705
	LOAS E =	2.23%	106,027,390
	LOAS F =	8.10%	385,892,235
3)	System-Wide (CMP area) Total Crashes from 2006 to 2008:		27,800
	Injury Crashes (count):		8,416
	Fatal Crashes (count):		189
	Total number of Injuries:		13,375
	Total number of Fatalities:		218
	System-Wide (CMP area) Total Crashes (per 100, 000 Population, based on 2008 TAZ data):		5,232.1828
	2008 CMP road network (system-wide) Crash Rate (per Million VMT):		not calculated at this time
4)	Bicycle System-Wide (CMP area) Total Crashes from 2006 to 2008:		872
	Injury Crashes (count):		373
	Fatal Crashes (count):		10
	System-Wide (CMP area) Total Bicycle Crashes (per 100, 000 Population, based on 2008 TAZ data):		167.7749
5)	Pedestrian System-Wide (CMP area) Total Crashes from 2006 to 2008::		1,148
	Injury Crashes (count):		227
	Fatal Crashes (count):		1
	System-Wide (CMP area) Total Pedestrian Crashes (per 100, 000 Population, based on 2008 TAZ data):		220.8780
6)	Bicycle Facilities (length in miles of system):		
	Bicycle Lanes:		35.63613
	Paved Shoulders:		217.318435
	Wide Lane:		1.477811
	Off-Road Trails:		32.117152
7)	Pedestrian Facilities (length in miles of system):		
	Sidewalks:		199.546181
	Off-Road Trails:		29.975054
8)	Transit Route Network (length in miles of system)		
	LAMTD:		216.701828
	WHAT:		92.369598
	Polk BoCC:		28.470676
	All Transit Routes without Overlap (not including the ones below):		297.772907
	I-4 Express Service:		31.958643
	North Ridge Circulation:		9.578725
	All Transit Routes without Overlap (including the ones above):		339.310275
9)	Population Served by Transit System (total population in CMP within 1/4 mile):		
	TAZ's within CMP Transit Routes: There are a total of 453 TAZs within the CMP Transit Routes		
	2008 Total Population within 1/4 mile of fixed-route service (All TAZs)		169,618
	2010 Total Population within 1/4 mile of fixed-route service (All TAZs)		170,008
10)	TAZ's within the 2008 CMP: There is a total of 575 TAZs within the 2008 CMP		
	2008 Total Population within the 2008 CMP (All TAZs)		519,744
	2010 Total Population within the 2008 CMP (All TAZs)		531,327

## **A-2: Polk CMP Road Network**

Link ID	Road Segment	From	To
8301	ADAMS ROAD/MOHAWK RD	LAKE ALFRED ROAD	SR 559
8302	ALAMO DRIVE	OLD HIGHWAY 37	SR 37
8303	ALAMO DRIVE	SR 563 (HARDEN BLVD S)	OLD HIGHWAY 37
4011	AMERICAN SUPERIOR BLVD/HOOVER RD/SHELL RD	CR 655	AVE Z SE
4012	ARIANA ST	WABASH AVE S	SR 563 (HARDEN BLVD)
8000	ARIANA STREET	SR 563 (HARDEN BLVD)	SR 37 (FLORIDA AVENUE)
4013	AVE T NE/COUNTRY CLUB RD N	SR 544	LAKE HAMILTON DR W
8057	AVENUE C SE	1ST STREET SOUTH	6TH STREET SE
8055	AVENUE C SW	1ST STREET SOUTH	US 17 (6TH STREET NW)
8060	AVENUE K SE	1ST STREET SOUTH	6TH STREET SE
8059	AVENUE K SW	US 17 (6TH STREET SW)	1ST STREET SOUTH
8061	AVENUE O SW	7TH STREET	1ST STREET SOUTH
4014	A-Z PARK RD	US 98	SR 659
8073	BAILEY ROAD	SR 60	SHEPHERD ROAD
8304	BAKER AVENUE E/BAKER DAIRY RD	US 17/92	POWER LINE ROAD
8074	BANANA ROAD	NORTH CAMPBELL ROAD	US 98
8075	BANNON ISLAND ROAD	SR 17 (RIDGE SCENIC HIGHWAY)	CR 544 (LAKE MARION ROAD)
8207	BATES ROAD	US 27	US 17/92
8058	BEACON ROAD	SR 563 (HARDEN BLVD)	WEST LAKE HOLLINGSWORTH DRIVE
8076	BELLA VISTA STREET	CR 542A	SR 539 (KATHLEEN ROAD)
8056	BELLA VISTA STREET	MARTIN LUTHER KING JR AVENUE	WEST LAKE PARKER DRIVE
8305	BICE GROVE ROAD	CR 544	CR 546
4016	BOLENDER RD/MORRIS RD	SR 559 (LAKE ARIANA BOULEVARD)	LAKE ALFRED RD
4018	BRIDGERS AVE	US 92	US 92 (MAGNOLIA AVENUE)
4020	BUCKEYE LOOP RD	SR 542	AVE T NE
4021	BUCKEYE RD	11TH ST NE/LAKE ELBERT DRIVE	BUCKEYE LOOP RD
8306	CAMELLIA DRIVE	SR 540	CR 655
8077	CAMPBELL RD (N)	CR 35A (KATHLEEN RD)	CR 35A (W SOCRUM LOOP RD)
4022	CANAL AVE/LAKE PARKER DR E/IDLEWILD ST/MORGAN COMBEE RD	CR 542 (MAIN STREET E)	FISH HATCHERY RD
8210	CANAL AVENUE/WATKINS ROAD	LAKE MABEL LOOP ROAD	CR 542 (LAKE HATCHINEHA ROAD)
8078	CARL FLOYD ROAD	CR 550 (OVERLOOK DRIVE)	SR 542 (DUNDEE ROAD)
8001	CARPENTER'S WAY/WEDGEWOOD ESTATES BLVD	US 98	CR 582 (N. FLORIDA AVENUE)
8079	CARTER ROAD	SR 37	CR 540A
8307	CASS ROAD	ADAMS BARN RD	CR 557A
8205	CENTRAL AVENUE	US 27	SR 17 (RIDGE SCENIC HIGHWAY)
8206	CENTRAL AVENUE	SR 60	US27
8216	CHAMPIONS GATE BOULEVARD	CR 54	OSCEOLA COUNTY LINE
4164	CHARLOTTE RD/DAIRY RD	SR 544	LAKE ALFRED RD
8080	CHERRY LANE	LUNN ROAD	OLD HIGHWAY 37
4023	CHESTNUT RD N	US 92	10TH ST W
8002	CLEVELAND HEIGHTS BLVD	WESTOVER STREET	LAKE HOLLINGSWORTH DRIVE
8003	CLEVELAND HEIGHTS BLVD	WESTOVER STREET	HALLAM DRIVE
8081	COLBERT ROAD	CR 540 (CLUBHOUSE ROAD)	US 98
4024	COLEMAN RD/AVE C SW	SPIRIT LAKE RD	21ST ST SW
8308	COOLEY ROAD	SR 540	SR 655 (RECKER HIGHWAY)
4025	CORONET RD	SR 60	HILLSBOROUGH COUNTY LINE
4026	COUNTRY CLUB RD S	SR 542	LAKE HAMILTON DR W
4027	COUNTY LINE RD	SR 60	PIPKIN ROAD WEST
4028	COUNTY LINE RD	PIPKIN ROAD WEST	I-4
4029	CR 17	CR 557	US 27
4031	CR 17A (BURNS AVE)	SR 17	BRENTWOOD DRIVE
8120	CR 17A (BURNS AVE)	BRENTWOOD DRIVE	MAMMOTH GROVE RD
4102	CR 17A (CHALET SUZANNE RD)	SR 17	US 27
4030	CR 17A (MASTERPIECE GARDENS RD/MASTERPIECE RD)	MAMMOTH GROVE RD	SR 17
4033	CR 17B (BUCK MOORE RD)	SR 60	CR 17A
4032	CR 17B (ELEVENTH ST/HUNT BROTHERS RD)	US 27	SR 60

Link ID	Road Segment	From	To
4167	CR 35A (KATHLEEN RD)	CR 542A (GALLOWAY RD)	DUFF RD
4036	CR 35A (KATHLEEN RD)	DUFF RD	CR 35A
4035	CR 35A (KATHLEEN RD)	I-4	CR 542A (GALLOWAY RD)
4034	CR 35A (SOCRUM LOOP RD W)	CR 35A	US 98
4037	CR 37A (SCOTT LAKE RD)	CR 540A	HALLAM DR
4176	CR 37B (LAKELAND HIGHLANDS RD)	SR 570 (POLK PARKWAY)	EDGEWOOD DR
4163	CR 37B (LAKELAND HIGHLANDS RD)	LAKE MIRIAM DR	SR 570 (POLK PARKWAY)
4038	CR 37B (LAKELAND HIGHLANDS RD)	CR 540A	LAKE MIRIAM DR
4039	CR 54	US 27	CR 532 EXTENSION
7304	CR 54	CR 532 EXTENSION	LAKE WILSON RD
7305	CR 54	LAKE WILSON RD	US 17/92
4040	CR 540 (CLUBHOUSE RD)	CR 37B	US 98
4162	CR 540A (CENTRAL BARD RD)	CR 37B	US 98
4041	CR 540A (CENTRAL BARN RD)	SR 37	CR 37B
4093	CR 540A (ELOISE LOOP RD)	POLLARD RD	CR 653 (RATTLESNAKE ROAD)
4094	CR 540A (WEST LAKE RUBY DR)	THOMPSON NURSERY RD	SR 540 (CYPRESS GARDENS BLVD)
4046	CR 542 (AVE G NW)	LAKE HOWARD DR NW	SR 655
4169	CR 542 (K-VILLE AVE)	THORNHILL ROAD	SR 655
4042	CR 542 (LAKE HATCHINEHA RD)	SR 17	LAKE HATCHINEHA
4044	CR 542 (MAIN ST E)	US 98 (LAKE PARKER AVE)	SR 659
4043	CR 542 (MAIN ST E/K-VILLE AVE)	SR 659	THORNHILL RD
4047	CR 542 (OLD TAMPA HWY)	COUNTY LINE RD	WABASH AVE S
4045	CR 542A (GALLOWAY RD)	US 92	10TH ST
4165	CR 542A (GALLOWAY RD)	10TH ST	CR 35A
4049	CR 544/LAKE MARION RD W/JIM EDWARDS RD	SR 17 (RIDGE SCENIC HIGHWAY)	CR 542 (LAKE HATCHINEHA ROAD)
4048	CR 544A (DERBY AVE)	SR 655	SR 544
4051	CR 546 (KOKOMO RD)	SR 17	CR 544
8309	CR 546 (KOKOMO RD)	US 27	SR 17 (RIDGE SCENIC HIGHWAY)
8309	CR 546 (KOKOMO RD)	US 27	SR 17 (RIDGE SCENIC HIGHWAY)
4050	CR 546 (SADDLE CREEK RD/OLD DIXIE HWY)	SR 659	LAKE ARIANA BLVD
4053	CR 547 (JACKSON HWY/BAY ST)	US 27	CR 547 (LEE JACKSON HWY)
4052	CR 547 (JACKSON HWY/RAILROAD AVE)	CR 547 (HOLLY HILL DR/BAY ST)	CR 54
4054	CR 550 (OVERLOOK DR)	SR 540	SR 542
4055	CR 555 (BUENA VISTA DR)	US 92	CR 557/HAINES BLVD
4173	CR 557	US 17/92	I-4
4057	CR 557A (POLK CITY RD)	SR 559	CR 557
4017	CR 559 (BOMBER RD)	US 17	CR 655
8094	CR 559A (AUBURNDALE CUTOFF ROAD)	CR 655 (BERKLEY ROAD)	SR 559
4059	CR 580 (MARION CREEK RD)/CYPRESS PKWY/JOHNSON AVE E	US 17/92	OSCEOLA COUNTY LINE
4062	CR 582 (FLORIDA AVE N)	GRIFFIN RD	SR 33
4172	CR 582 (GRIFFIN RD)	US 98	SR 33
4166	CR 582 (GRIFFIN RD)	CR 35A	US 98
4061	CR 582 (KNIGHTS STATION RD)	HILLSBOROUGH COUNTY LINE	CR 35A
4161	CR 582 (SOCRUM LOOP RD)	DAUGHTERY RD E	OLD POLK CITY RD
4060	CR 582 (SOCRUM LOOP RD)	SR 33	DAUGHTERY RD E
4068	CR 640 (BLUE LAKE RD)	US 27	SR 17
8092	CR 653 (RATTLESNAKE RD)/OLD BARTOW LAKE WALES ROAD	SR 60	CR 540A (THOMPSON NURSERY ROAD)
4072	CR 655 (BERKLEY RD)	US 92	CR 546
8119	CR 655 (BERKLEY RD)	CR 546	PACE ROAD
4071	CR 655 (BERKLEY RD)	PACE ROAD	SR 33
4074	CR 655 (RIFLE RANGE RD)	SR 60	CR 559
4168	CR 655 (RIFLE RANGE RD)/SNIVELY AVE)	CR 559	US 17
4075	CR 676 (NICHOLS RD)	HILLSBOROUGH COUNTY LINE	SR 60
8004	CRESAP STREET/LAKE HUNTER DRIVE	SR 563 (SIKES BLVD)	SR 37 (FLORIDA AVENUE)
8082	CREWS LAKE DRIVE/CREWSLAKE ROAD/LAKELAND HIGHLANDS ROAD	CR 540A	CR 540A

Link ID	Road Segment	From	To
4078	CRUMP RD	COUNTRY CLUB RD S	US 27
4079	CRUTCHFIELD RD	SR 546	WABASH AVE N
4077	CRYSTAL BEACH RD/THORNHILL RD	US 17	SR 540
4080	CRYSTAL LAKE DR N	US 98	SR 659
4081	CRYSTAL LAKE DR S	US 98	SR 659
8005	CRYSTAL LAKE DRIVE	LAKE HOLLINGSWORTH DRIVE	US 98
4171	CYPRESS GARDENS RD	LAKE NED ROAD	SR 540
4082	CYPRESS GARDENS RD	SR 540	LAKE NED RD
8006	DAUGHTERY ROAD EAST	US 98	CR 582 (SOCRUM LOOP ROAD)
8083	DAUGHTERY ROAD WEST	GIB-GALLOWAY ROAD	US 98
8084	DEESON ROAD	HILLSBOROUGH COUNTY LINE	CR 35A (KATHLEEN ROAD)
4084	DENTON AVE	CR 655	LAKE ARIANA BLVD
8085	DETOUR ROAD	CR 542	CR 544
4087	DRANE FIELD RD	COUNTY LINE RD	SR 572
4088	DUFF RD	CR 35A	US 98
8103	DUNDEE ROAD	US 27	SR 17
4089	EAGLE LAKE LOOP RD	US 17	CR 655
4091	EAGLE LAKE LOOP RD	CR 655	POLLARD RD
4090	EDGEWOOD DR	US 98	CR 37B
8008	EDGEWOOD DRIVE	SR 37 (FLORIDA AVENUE)	CR 37B (LAKELAND HIGHLANDS ROAD)
8217	EIGHTH ST/DETOUR ROAD	SWANN ROAD	CR 542 (LAKE HATCHINEHA ROAD)
8110	ELOISE LOOP ROAD	CR 655 (RIFLE RANGE ROAD)	EAGLE LAKE LOOP ROAD
8310	EVENHOUSE ROAD	CR 557	EXPERIMENT STATION ROAD
8009	EWELL ROAD	COUNTY LINE ROAD	OLD HIGHWAY 37
8311	EWELL ROAD EXTENSION	OLD HIGHWAY 37	SR 37 (S FLORIDA AVE)
8312	EXPERIMENT STATION ROAD	OLD HAINES CITY - LAKE ALFRED ROAD	WHITE ROAD
8067	FIFTEENTH STREET SW	LAKE SHIPP DRIVE	LAKE HOWARD DRIVE
8010	FIFTH STREET	SR 539 (KATHLEEN ROAD)	US 98
8068	FIRST STREET SOUTH	SR 542	SR 540
4092	FISH HATCHERY RD	CR 542	CR 546
8115	FITZGERALD ROAD	SR 37	CR 37A (SCOTT LAKE ROAD)
8321	FLORIDA AVENUE NORTH	US 98	CR 582 (GRIFFIN ROAD)
4007	FORTY-SECOND ST NW	CR 542	SR 544
8086	GAPWAY ROAD	CR 655 (BERKLEY ROAD)	SR 559
5315	GARY ROAD	CR 542 (MAIN STREET)	US 92 (MEMORIAL BLVD)
8107	GIB-GALLOWAY ROAD	CR 35A (KATHLEEN ROAD)	US 98
8313	GRACE AVENUE	SR 17/TENTH STREET	30TH STREET
8313	GRACE AVENUE	SR 17/TENTH STREET	30TH STREET
8022	GRANADA STREET	NORTH FLORIDA AVENUE	WEST LAKE PARKER DRIVE
8212	H.L. SMITH ROAD	LAKE MABEL LOOP ROAD	CR 542
8012	HALLAM DRIVE	CLEVELAND HEIGHTS BLVD	CR 37B (LAKELAND HIGHLANDS ROAD)
8013	HARDEN BLVD	PIPKIN ROAD	SR 570 (POLK PARKWAY)
8087	HARDIN COMBEE ROAD	SR 659	FISH HATCHERY ROAD
8014	HARTSELL ROAD	LAKE BEULAH DRIVE	SR 563 (SIKES BLVD)
8088	HATCHER ROAD	SHEPHERD ROAD	EWELL ROAD
4095	HELENA RD	CR 540A	SR 540
8315	HIGHLAND DRIVE W	OLD HIGHWAY 37	SR 37 (FLORIDA AVENUE S)
4096	HIGHLAND ST W/GREENWOOD ST	CR 542	SR 563
8054	HIGHLANDS DRIVE	SR 37	CLEVELAND HEIGHTS BLVD
8211	HINSON AVENUE/POWER LINE ROAD	US 17/92	CR 580 (CYPRESS PARKWAY)
8015	HOLLINGSWORTH ROAD	LAKE HOLLINGSWORTH DRIVE	US 98
8316	HOLLY HILL ROAD	CR 547	US 27
8017	INGRAHAM AVENUE	US 98	US 92 (MEMORIAL BLVD)
8016	INGRAHAM AVENUE	LAKE HOLLINGSWORTH DRIVE	US 98
5500	INTERSTATE 4	HILLSBOROUGH COUNTY LINE	SR 570
5501	INTERSTATE 4	SR 570	SR 33
5506	INTERSTATE 4	SR 33	CR 557
8317	KENTUCKY ST/JOHNSON AVE/PRADO GRANDE AVE	OLD HAINES CITY - LAKE ALFRED ROAD	CR 17

Link ID	Road Segment	From	To
4098	LAKE ALFRED RD	SR 559	STADIUM RD
4100	LAKE ARIANA BLVD W	CR 546	SR 559
8063	LAKE ELBERT DRIVE, 11TH STREET NE	SR 542	AVENUE T NE
4103	LAKE HAMILTON DR W	COUNTRY CLUB RD S	SR 544
8019	LAKE HOLLINGSWORTH DRIVE (SOUTH)	BELMAR STREET	CRYSTAL LAKE DRIVE
8064	LAKE HOWARD DRIVE	21ST STREET SW	AVENUE D NW
8065	LAKE HOWARD DRIVE, AVE D NW	AVENUE G NW	SR 549 (1ST STREET)
4105	LAKE LOWERY RD	OLD HAINES CITY-LAKE ALFRED RD	CR 17
8203	LAKE MABEL LOOP RD	CR 17A	CANAL AVENUE
8204	LAKE MABEL LOOP RD	CANAL AVENUE	SR 17 (RIDGE SCENIC HIGHWAY)
8214	LAKE MARION CREEK DR/MCMAN RD/EASTYWAY RD/ MIDWAY RD/LAKE MARION CREEK RD	POINCIANA PARKWAY	CR 580 (CYPRESS PARKWAY)
8112	LAKE MATTIE ROAD/ADAMS BARN ROAD	SR 559	LAKE ALFRED ROAD
4099	LAKE MIRIAM DR	SR 37	CR 37B
8020	LAKE MORTON DRIVE	MASSACHUSETTS AVE	MASSACHUSETTS AVE
4106	LAKE NED/LAKE DAISY RD	CYPRESS GARDENS RD	CR 550
8007	LAKE PARKER DRIVE EAST	IDLEWILD STREET	OLD COMBEE ROAD
8062	LAKE SHIPP, AVE N SW, AVE O SW	SR 655	7TH STREET SW
8021	LAKE SHORE DRIVE/WEST LAKE PARKER DRIVE	PARKER STREET	GRANADA STREET
8215	LAKE WILSON ROAD	CR 54	OSCEOLA COUNTY LINE
8023	LIME STREET	LAKE BEULAH DRIVE	SR 37 (FLORIDA AVENUE)
8024	LIME STREET	SR 37 (FLORIDA AVENUE)	INGRAHAM AVENUE
8025	LIME STREET	INGRAHAM AVENUE	US 98
8026	LINCOLN AVENUE/OPPITZ LANE	LAKE HUNTER DRIVE	SR 37 (FLORIDA AVENUE)
8114	LIVE OAK ROAD/LAKE SEWARD DRIVE	CR 37B (LAKELAND HIGHLANDS RD)	LAKE MARIAM DRIVE
4108	LONGFELLOW BLVD	CRYSTAL LAKE DR N	CR 542
8318	LUCERNE LOOP ROAD NE	SR 544	OLD LUCERNE PARK ROAD
8027	LUNN ROAD	EWELL ROAD	WEST PIPKIN ROAD
8089	LUNN ROAD	SHEPHERD ROAD	EWELL ROAD
4109	LYLE PKWY/E.F. GRIFFIN RD	US 98	US 98
8090	LYNCHBURG ROAD/MYERS LANE	US 92	LAKE ALFRED ROAD
6901	M.L. KING BLVD	US 92	US 98
5314	MAIN STREET	SR 548 (BARTOW ROAD)	US 98 (LAKE PARKER AVE)
8046	MAIN STREET W	LAKE BEULAH DRIVE	SR 33 (MASSACHUSETTES AVE)
8319	MAIN STREET/SECOND STREET/SMITH AVENUE	US 27	SR 17
4110	MAINE AVE	SR 659	REYNOLDS RD
8028	MALL HILL DRIVE	CR 582 (GRIFFIN ROAD)	LAKELAND SQUARE MALL ROAD
8109	MALL HILL ROAD	CR 35A (KATHLEEN ROAD)	CR 582 (GRIFFIN ROAD)
8320	MALL HILL ROAD EXTENSION	MALL HILL DRIVE	SLEEPY HILL ROAD
4111	MARCUM RD/SOCRUM LOOP RD	OLD POLK CITY RD	US 98
8101	MARIGOLD AVENUE	POINCIANA PARKWAY	CR 580 (CYPRESS PARKWAY)
8029	MASSACHUSETTS AVENUE	LAKE MORTON DRIVE	US 92 (MEMORIAL BLVD)
8030	MCDONALD STREET	SR 37 (FLORIDA AVENUE)	HOLLINGSWORTH ROAD
4112	MCKEAN ST	SR 655	BRIDGERS AVE
4114	McNICHOLS AVE/KEYSTONE RD	SR 559	LAKE ALFRED RD
8105	MEDULLA ROAD	COUNTY LINE ROAD	WEST PIPKIN ROAD
4116	MINEOLA DR	SR 659	FISH HATCHERY RD
8031	MISSOURI AVENUE	HIGHLANDS STREET	PINE STREET
8091	MOUNT OLIVE ROAD	SR 33	CR 655 (BERKELY ROAD)
8200	MOUNTAIN LAKE CUTOFF ROAD	OLD BARTOW ROAD	US 27
8201	MOUNTAIN LAKE CUTOFF ROAD	US 27	SR 17 (RIDGE SCENIC HIGHWAY)
8032	NEW JERSEY ROAD	GLENDALE STREET	US 98
4120	NICHOLS MINE RD/OLD NICHOLS RD	NICHOLS PLANT	CR 676
4121	NINETY-ONE MINE RD	SR 60	US 17
4008	NINTH ST SE/AVE Z SE/LAKE ELOISE DR W/LAKE SUMMIT DR W	SR 540	SR 540
8322	NORTH BLVD	US 27	HOLLY HILL ROAD

Link ID	Road Segment	From	To
8323	NORTH BLVD	HOLLY HILL ROAD	CR 547
4123	OAKDALE RD	LAKE LOWERY RD	WINDING LANE
8324	ODOM ROAD	DAUGHTERY ROAD	MARCUM ROAD
8099	OLD BARTOW ROAD	SR 60	CR 653 (RATTLESNAKE ROAD)
4125	OLD BARTOW-EAGLE LAKE RD/CRYSTAL BEACH RD	US 98	US 17
8093	OLD BERKLEY ROAD	GAPWAY ROAD	CR 559A (AUBURNDALE CUTOFF ROAD)
8117	OLD COMBEE ROAD	CR 582 (SOCRUM LOOP ROAD)	SR 33
8033	OLD COMBEE ROAD	SR 33	SR 659 (COMBEE RD)
8106	OLD DADE CITY RD/ROCK RIDGE RD	CR 35A (W SOCRUM LOOP RD)	US 98
8095	OLD HAINES CITY LAKE ALFRED ROAD/KENTUCKY STREET	US 17/92	US 17/92
8034	OLD HIGHWAY 37	WEST PIPKIN ROAD	SR 570 (POLK PARKWAY)
4127	OLD HIGHWAY 37	SHEPHERD RD	PIPKIN RD W
8113	OLD LAKE ALFRED ROAD	CR 557	CR 557A
8096	OLD LUCERNE PARK ROAD	SR 544	SR 544
4115	OLD MEDULLA ROAD	WEST PIPKIN ROAD	PIPKIN ROAD SOUTH
4129	OLD NINE FOOT RD/EAGLE DR	3RD ST	SR 540
4131	OLD POLK CITY RD	CR 582	WALT WILLIAMS RD
4130	OLD POLK CITY RD	WALT WILLIAMS RD	SR 33
8035	OLIVE STREET	WABASH AVENUE	LAKE BEULAH DRIVE
8036	ORANGE STREET	NEW YORK AVENUE	US 98
8326	ORCHID DRIVE	BATES ROAD	PATTERSON ROAD
8325	ORCHID DRIVE	PATTERSON ROAD	CR 547
0	PACE ROAD EXTENSION	POLK PARKWAY (SR 570)	CR 655 (BERKELY ROAD)
8037	PALMETTO STREET	LAKE MORTON DRIVE	HOLLINGSWORTH ROAD
4132	PARK BYRD RD	DUFF RD	CR 35A
8038	PARKER STREET	SR 563 (DR. MLK. JR. BLVD)	US 98
8039	PARKVIEW PLACE	US 98	W LAKE PARKER DRIVE
8327	PATTERSON ROAD	US 27	10TH STREET
8328	PATTERSON ROAD	10TH STREET	BATES ROAD
8329	PEARCE RD	DAUGHTERY RD W	SOCRUM LOOP RD N
8330	PENINSULAR DRIVE	US 17/92 (HINSON AVENUE)	SR 544
8040	PINE STREET	LAKE WIRE DRIVE	MASSACHUSETTS AVENUE
4134	PINELLAS ST/ROBIN RD	SR 37	CLEVELAND HEIGHTS BLVD
4135	PIPKIN RD WEST	PIPKIN RD SOUTH	SR 37
8045	PIPKIN ROAD SOUTH	PIPKIN ROAD WEST	SR 572 (DRANE FIELD ROAD)
8104	PIPKIN ROAD WEST	COUNTY LINE ROAD	MEDULLA ROAD
8118	PIPKIN ROAD WEST	MEDULLA ROAD	PIPKIN ROAD SOUTH
8100	POINCIANA PARKWAY	CR 542 (LAKE HATCHINEHA ROAD)	MARIGOLD AVENUE
8209	POLK CITY ROAD/PALMETTO ROAD/FIFTH STREET	US 27	US 17/92
0	POLLARD ROAD EXTENSION	SR 60	WINTER HAVEN ILC
8097	POWERLINE ROAD/SOUTH BLVD.	CR 580	US 17/92
8041	PROVIDENCE ROAD	SR 539 (KATHLEEN ROAD)	CR 582 (GRIFFIN ROAD)
8331	RAMSGATE RD/PILAKLAKAHA AVE/TAMPA ST	DIXIE HIGHWAY	MAIN STREET
4139	REYNOLDS RD	SR 540	US 92
4141	ROBSON ST	US 98	CR 582
8042	ROSE STREET	SR 600 (MAIN STREET)	GARY ROAD
8116	SCHOOLHOUSE ROAD	OLD HIGHWAY 37	SR 37
4142	SENATE ST	ADAMS ST	DAIRY RD
4145	SHEPHERD RD	COUNTY LINE RD	BAILEY RD
4144	SHEPHERD RD	BAILEY RD	SR 37
8069	SIXTH STREET SE	SR 542	SR 540
8070	SIXTH STREET SW	AVENUE K SW	US 17
4146	SKYVIEW DR	SR 659	REYNOLDS RD
8043	SLEEPY HILL ROAD	SLEEPY HILL ROAD	US 98
4147	SOCRUM LOOP RD N/SOCRUM LOOP RD W	MARCUM RD	US 98
8044	SOUTH BLVD	BELMAR STREET	LAKE MORTON DRIVE

Link ID	Road Segment	From	To
4149	SPIRIT LAKE RD	US 17	SR 540
4175	SPIRIT LAKE RD	SR 540	CR 542
5208	SR 17 (RIDGE SCENIC HIGHWAY)	SR 544	US 17/92
5207	SR 17 (RIDGE SCENIC HIGHWAY)	MAIN ST @ CENTER ST	SR 544
5203	SR 17 (RIDGE SCENIC HIGHWAY)	SEMINOLE AVE	PASSION PLAY RD
5206	SR 17 (RIDGE SCENIC HIGHWAY)	WAVERLY RD	MAIN ST @ CENTER ST
5205	SR 17 (RIDGE SCENIC HIGHWAY)	MOUNTAIN LAKE CUTOFF	WAVERLY RD
5204	SR 17 (RIDGE SCENIC HIGHWAY)	PASSION PLAY RD	MOUNTAIN LAKE CUTOFF
5603	SR 33	I-4	OLD POLK CITY RD
5604	SR 33	OLD POLK CITY ROAD	SR 559
5602	SR 33	I-4 @ SOCRUM LOOP RD	I-4
5601	SR 33 (LAKELAND HILLS BLVD)	BELLA VISTA ST	I-4 @ SOCRUM LOOP RD
5600	SR 33/MASSACHUSETTS AVE)	MAIN ST	BELLA VISTA ST
5700	SR 35 (BARTOW RD)	LAKE PARKER AVE S	MAIN ST
5403	SR 35 (BROADWAY AVE N)	SR 60B	SR 60A
5701	SR 35 (FLORIDA AVE N)	MAIN ST	MEMORIAL BLVD
5805	SR 37	SHEPHERD RD	PIPKIN RD W
5803	SR 37	ALAFIA RIVER (NORTH PRONG)	SR 60
5802	SR 37	CR 640	ALAFIA RIVER (NORTH PRONG)
5804	SR 37 (CHURCH AVE)	SR 60	SHEPHERD RD
5808	SR 37 (FLORIDA AVE)	ARIANA ST	MAIN ST
5807	SR 37 (FLORIDA AVE)	SR 570	ARIANA ST
5806	SR 37 (FLORIDA AVE)	ALAMO DR	SR 570
5809	SR 37 (FLORIDA AVE)	PIPKIN RD W	ALAMO DR
6200	SR 539 (KATHLEEN RD)	SR 563	I-4
6307	SR 540	CR 540A	US 27
6306	SR 540	CR 550	CR 540A
6305	SR 540 (CYPRESS GARDENS BLVD)	9TH ST SE	CR 550
6304	SR 540 (CYPRESS GARDENS BLVD)	US 17	9TH ST SE
6302	SR 540 (WINTER-LAKE RD)	SR 570	SPIRIT LAKE RD
6303	SR 540 (WINTER-LAKE RD)	SPIRIT LAKE RD	US 17
6300	SR 540 (WINTER-LAKE RD)	US 98	REYNOLDS RD
6301	SR 540 (WINTER-LAKE RD)	REYNOLDS RD	SR 570
6301	SR 540 (WINTER-LAKE RD)	REYNOLDS RD	SR 570
6402	SR 542	CARL FLOYD RD	US 27
6400	SR 542 (CENTRAL AVE)	SR 549	14TH ST
6401	SR 542 (CENTRAL AVE)	14TH ST	CARL FLOYD RD
6502	SR 544 (AVE T NW)	US 17	1ST ST NW
6500	SR 544 (HAVENDALE BLVD)	US 92	IDYLWILD DR
6501	SR 544 (HAVENDALE BLVD)	IDYLWILD DR	US 17
6503	SR 544 (LUCERNE PARK RD)	1ST ST NW	US 27
6504	SR 544 (SCENIC HWY)	US 27	SR 17
6600	SR 546 (MEMORIAL BLVD)	I-4	WABASH AVE
5702	SR 548 (BARTOW ROAD)	SR 35 (N FLORIDA AVE)	MAIN STREET
6700	SR 549 (FIRST ST N)	CENTRAL AVE	AVE T NE
6805	SR 559	I-4	SR 33
6804	SR 559	GAPWAY ROAD	I-4
6800	SR 559 (BARTOW AVE)	US 92	SHELBY ST
6803	SR 559 (LAKE ARIANA BLVD)	SR 559	GAPWAY ROAD
6802			
6801	SR 559 (LAKE STELLA DR)	SHELBY ST	SR 559
6902	SR 563 (HARDEN BLVD)	SR 570	ARIANA ST
6900	SR 563 (M.L. KING BLVD)	SR 539	US 92
6904	SR 563 (SIKES BLVD)	LIME ST	SR 539
6903	SR 563 (SIKES BLVD)	ARIANA ST	LIME ST
7402	SR 570 (POLK PKWY)	CR 546	I-4
7401	SR 570 (POLK PKWY)	US 98	CR 546
7400	SR 570 (POLK PKWY)	I-4	US 98
7000	SR 572 (AIRPORT RD)	US 92	DRANE FIELD RD
7001	SR 572 (DRANE FIELD RD)	AIRPORT RD	PIPKIN RD S

Link ID	Road Segment	From	To
5904	SR 60	BONNIE MINE RD	SR 60A
5903	SR 60	12TH AVE	BONNIE MINE RD
5902	SR 60	SR 37	12TH AVE
5901	SR 60	CR 676	SR 37
5900	SR 60	HILLSBOROUGH COUNTY LINE	CR 676
5906	SR 60	SR 60A	CR 655
5907	SR 60	CR 655	US 27
5908	SR 60 (HESPERIDES RD)	US 27	SR 17
5909	SR 60 (HESPERIDES RD)	SR 17	STOKES RD
5309	SR 600 (GEORGE JENKINS BLVD)	WABASH AVE	LAKE BEULAH DR
5312	SR 600 (MAIN ST)	MASSACHUSETTS AVE	SR 548 (INTOWN BYPASS)
6000	SR 60A (VAN FLEET DR)	SR 60/MAIN ST	BROADWAY AVE
6003	SR 60A (VAN FLEET DR)	VAN FLEET DR	FLAMINGO DR
6002	SR 60A (VAN FLEET DR)	BROADWAY AVE	US 17
5905	SR 60B (MAIN ST)	SR 60A	SR 60A
7100	SR 655 (LAKE SHIPP DR)	US 17	SR 655
7102	SR 655 (RECKER HWY)	CR 542	US 92
7101	SR 655 (RECKER HWY)	SR 540	ORANGEWOOD AVE SW
7101	SR 655 (RECKER HWY)	SR 540	ORANGEWOOD AVE SW
7302	SR 659 (COMBEE RD)	CR 546	SR 33
7301	SR 659 (COMBEE RD)	US 92	CR 546
7300	SR 659 (COMBEE RD)	US 98	US 92
4150	STADIUM RD/PIERCE ST/LAKE ALFRED RD	SR 559	CR 555
8047	SUCCESS AVENUE	LAKE HOLLINGSWORTH DRIVE	LAKE MORTON DRIVE
8218	SWANN ROAD	SR 17	H.L. SMITH ROAD
4153	SWINDELL RD	CR 542A	SR 546
8048	SYLVESTER ROAD	NEW JERSEY ROAD	US 98
4000	TENTH ST W	CR 542A	SR 539
8332	TENTH STREET	US 17/92 (HINSON AVE)	12TH STREET
8049	TENTH STREET	SR 539 (KATHLEEN ROAD)	SR 563 (DR. MLK. JR.)
8208	TENTH STREET	BATES ROAD	CR 547
4005	THIRD ST SE/LAKE LULU DR/SIXTH ST SE	SR 540	SR 540
4006	THIRD ST/OLD EAGLE LAKE-WINTER HAVEN RD/SEVENTH ST SW/AVE M SW/SIXTH ST SW/AVE K SW	CRYSTAL BEACH RD	US 17
8213	THIRTIETH ST	CR 544 (LAKE MARION ROAD)	HINSON AVENUE
8300	THIRTIETH ST N	HINSON AVE	BAKER AVENUE E
4004	THIRTY-FOURTH ST NW	CR 542	SR 544
4160	THOMPSON NURSERY RD	CR 653 (RATTLESNAKE RD)	US 27
4170	THORNHILL ROAD	SR 540	SR 655
8202	TIMBERLANE ROAD	CR 17A	CANAL AVENUE
8108	TOMKOW ROAD	SR 33	OLD POLK CITY ROAD
8066	TWENTY FIRST STREET SW, LAKE HOWARD DRIVE	SR 655	CR 542 (AVE G NW)
4002	TWENTY-FIRST ST NW	SR 544	US 92
4003	TWENTY-THIRD ST NW/LAKE CANNON DR NW/TWENTY-SIXTH ST NW	CR 542	SR 544
8333	TYNER ROAD	CR 542	CR 546
5007	US 17	SR 60A (VAN FLEET DR)	SPIRIT LAKE RD
5008	US 17	SPIRIT LAKE RD	CRYSTAL BEACH RD
5010	US 17	GILBERT ST	SR 655
5000	US 17	SR 655	SR 540 (CYPRESS GARDENS BLVD)
5014	US 17 (EIGHTH ST NW)	SR 544	US 92
5009	US 17 (FIFTH ST)	CRYSTAL BEACH RD	GILBERT ST
5013	US 17 (SIXTH ST NW)	AVE C SW	SR 544
5011	US 17 (THIRD ST SW)	SR 540	AVE G SW
5012	US 17 CROSSOVER	AVE G SW	AVE C SW
5021	US 17/92	CR 547	OSCEOLA COUNTY LINE
5017	US 17/92	ROCHELLE AVE	US 27
5019	US 17/92 (HINSON AVE)	10TH ST	17TH ST

Link ID	Road Segment	From	To
5018	US 17/92 (HINSON AVE)	US 27	10TH ST
5015	US 17/92 (LAKE SHORE WAY)	US 17	COLUMBIA ST
5016	US 17/92 (LAKE SHORE WAY)	COLUMBIA ST	ROCHELLE AVE
5020	US 17/92 (SEVENTEENTH ST)	HINSON AVE	CR 547
5004	US 17/98	CR 640	CLEAR SPRINGS MINE RD
5006	US 17/98 (EAST AVE)	MAIN ST	SR 60A CONNECTOR
5005	US 17/98 (PALM AVE)	CLEAR SPRINGS MINE RD	MAIN ST
5111	US 27	I-4	CR 54
5113	US 27	SAND MINE ROAD	US 192
5109	US 27	CR 17	CR 547
5110	US 27	CR 547	I-4
5112	US 27	CR 54	SAND MINE ROAD
5108	US 27	US 17/92	CR 17
5106	US 27	SR 542	SR 544
5107	US 27	SR 544	US 17/92
5102	US 27	CR 640	SR 60
5103	US 27	SR 60	TOWERVIEW BLVD
5104	US 27	TOWERVIEW BLVD	SR 540
5105	US 27	SR 540	SR 542
5308	US 92	SR 544	US 17
5306	US 92	SR 659	SR 655
5307	US 92 (MAGNOLIA AVE)	SR 655	SR 544
5303	US 92 (MEMORIAL BLVD)	WABASH AVE	FLORIDA AVE
5300	US 92 (NEW TAMPA HWY)	COUNTY LINE ROAD	SR 572
5301	US 92 (NEW TAMPA HWY)	SR 572	WABASH AVE
5302	US 92 (WABASH AVE)	GEORGE JENKINS BLVD	SR 546
5305	US 92/98 (MEMORIAL BLVD)	LAKE PARKER AVENUE	SR 659
5304	US 92/98 (MEMORIAL BLVD)	FLORIDA AVE	LAKE PARKER AVE
5416	US 98	DAUGHTERY RD	ROCK RIDGE RD
5411	US 98	I-4	SLEEPY HILL RD
5412	US 98	SLEEPY HILL RD	DAUGHTERY RD
5408	US 98	EDGEWOOD DR	LAKE PARKER AVE
5407	US 98	SR 540	EDGEWOOD DR
5406	US 98	CR 540A	SR 540
5405	US 98	LYLE PKWY	CR 540A
5417	US 98	CR 582	I-4
5410	US 98	MEMORIAL BLVD	CR 582
5404	US 98 (BROADWAY AVE N)	SR 60A	LYLE PKWY
5409	US 98 (LAKE PARKER AVE)	BARTOW RD	MEMORIAL BLVD
4155	WABASH AVE N	SR 546	TENTH ST
4156	WABASH AVE S	ARIANA ST	US 92
8102	WALNUT STREET	MARIGOLD AVENUE	OSCEOLA COUNTY LINE
8050	WALT LOOP ROAD	CR 582 (SOCRUM LOOP ROAD)	OLD POLK CITY ROAD
8051	WALT WILLIAMS ROAD	WALT LOOP ROAD	OLD POLK CITY ROAD
8052	WARING ROAD	OLD MEDULLA ROAD	SR 570 (POLK PARKWAY)
8334	WATER TANK ROAD	SR 17 (RIDGE SCENIC HIGHWAY)	DETOUR ROAD
8335	WATER TANK ROAD	DETOUR ROAD	BICE GROVE ROAD
8336	WATER TANK ROAD	BICE GROVE ROAD	TYNER ROAD
4174	WAVERLY RD	US 27	SR 17
8111	WEST LAKE ELOISE DRIVE	ELOISE LOOP ROAD	SHELL ROAD
8098	YARBOROUGH LANE	CR 540A	CR 540 (CLUBHOUSE ROAD)
8053	YATES ROAD	EWELL ROAD	MEDULLA ROAD

## **A-3: Corridor-Level Summary Report Template**



# Congestion Management Process Corridor Summary Profile

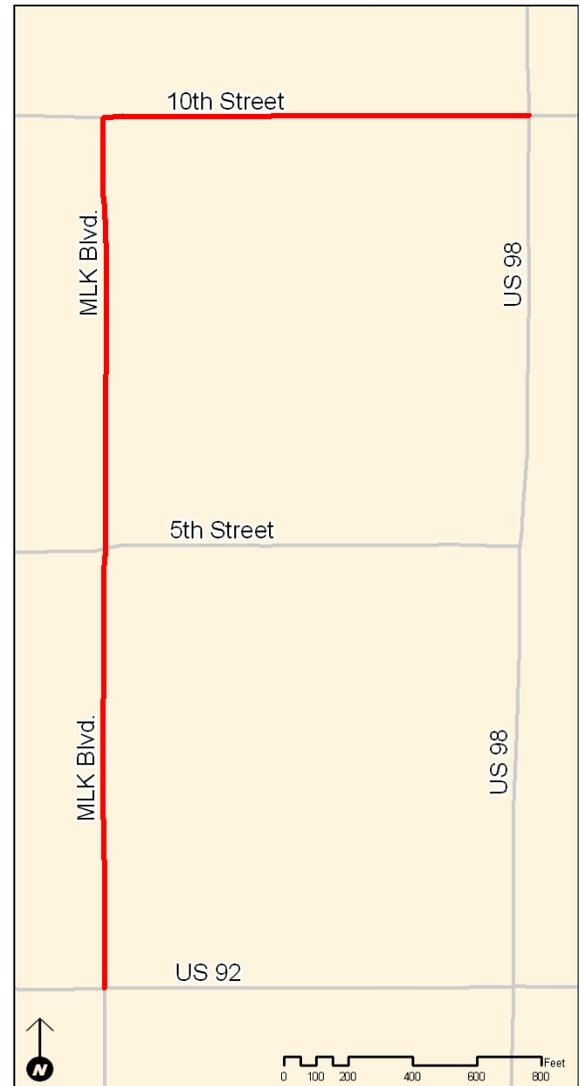
## M.L. King Jr. Boulevard: US 92 to US 98

2009 Report

### Corridor Performance Measures

Corridor Length (miles)	1.20
Corridor Weighted V/C Ratio	#
Corridor Average Annual Daily Traffic (AADT)	#
Corridor Truck Traffic (AADTT)	#
Corridor Level of Service (LOS)	
Daily LOS	LOS
Peak LOS	LOS
Intersection Level of Service (LOS)	
Daily LOS	LOS
Peak LOS	LOS
Total Number of Crashes	#
Crash Rate by VMT	#
Crash Rate by MEV at Intersections	#
Total Number of Bicycle Crashes	#
Bicycle Count	#
Bicycle Crash Rate	#
Total Number of Pedestrian Crashes	#
Pedestrian Count	#
Pedestrian Crash Rate	#
Transit Access	
Sidewalk Connectivity to Transit Stops	%
Sidewalk Connectivity to ADA Bus Pads	%
Transit Frequency (Headways) - per Route	
Peak	Minutes
Off-Peak	Minutes
Transit Span of Service - per Route	
Peak	Hours
Off-Peak	Hours
Planned Improvements – Committed (Adopted 2008/09 - 2012/13 TIP)	Yes/No
Potential Constrained Corridor; Multimodal LOS District; Core Transit Route	Yes/No

### Corridor Map



### Corridor Location

