



CITY OF FORT PIERCE COMMUNITY DEVELOPMENT DEPARTMENT PLANNING DIVISION

*COMPREHENSIVE PLANNING ◊ DEVELOPMENT REVIEW
HISTORIC PRESERVATION ◊ URBAN DESIGN ◊ URBAN FORESTRY ◊ ZONING*

CAPACITY ANALYSIS

I. Site Data:

| | Existing Use | Future Land Use | Zoning |
|-------|--------------|-----------------|--------|
| North | N/A | | |
| South | Residential | RL | R-3 |
| East | Residential | GC | C-5 |
| West | College | GC | C-5 |

| | Future Land Use | Zoning Classification | Maximum Intensity Residential: Dwelling Units per Acre Other: Square Footage | Total Acreage | Flood Zone |
|------------|-----------------|-----------------------|--|---------------|------------------|
| Current | HIR | R-4A | 8.00 | 0.828 | AE-6 & 7 VE-8 |
| **Proposed | HIR | PD | 8.45 | 0.828 | N/A |

II. Public Facilities Information:

| A. Potable Water: | |
|-----------------------|--|
| Average Use | Residential: 100 gallons per day per person (du x 2.6= persons x 100 gpd = demand) Other: 0.125 gallons per day per square foot |
| Demand Analysis | Maximum 1,820 |
| Current Zoning/FLU | Total gallons per day 1,820 |
| **Proposed Zoning/FLU | Total gallons per day 1,820 |
| **Change in Demand | Total gallons per day 1,820 |

| B. Wastewater: | |
|-----------------------|--|
| Average Use | Residential: 100 gallons per day per person (du x 2.6= persons x 100 gpd = demand) Other: 0.1 gallons per day per square foot |
| Demand Analysis | Maximum 1,820 |
| Current Zoning/FLU | Total gallons per day 1,820 |
| **Proposed Zoning/FLU | Total gallons per day 1,820 |
| **Change in Demand | Total gallons per day 1,820 |

| C. Parks and Recreation (Residential Classifications Only): (Du x 2.6 = persons + 44,227 = population /LOS) | | | | |
|---|-----------------------------|---------------------------------|---------------------------------|------------------|
| Park Type | LOS | Existing Population Park Demand | Proposed Population Park Demand | Change in Demand |
| Regional | 20 acres per 1,000 people | 2.21 | 2.21 | 0.00 |
| Urban District | 5 acres per 1,000 people | 2.21 | 2.21 | 0.00 |
| Community | 2.5 acres per 1,000 people | 2.21 | 2.21 | 0.00 |
| Neighborhood | 1.36 acres per 1,000 people | 2.21 | 2.21 | 0.00 |

| D. Public Schools (Residential Classifications Only): Single Family: (du x 0.405 = students/70% K-8/30% High) Multi-family: (du x 0.207 = students/70% K-8/30% High) | | |
|---|------------------------------------|----------------------|
| | K-8 | High |
| School Name | Lawnwood Elem./ Dan McCarty Middle | Lincoln Park Academy |
| City | Ft. Pierce | Ft. Pierce |
| Distance | N/A | N/A |
| Current Zoning/FLU Enrollment Demand | 1.01 | 0.43 |
| **Proposed Zoning/FLU Enrollment Demand | 1.01 | 0.43 |
| **Change in Demand | 0.00 | 0.00 |

| E. Solid Waste: 2 yard serves 15 units, 4 yard serves 30 units, 6 yard serves 45 units, 8 yard serves 60 units | |
|--|-----------|
| Demand Analysis | Maximum 2 |
| Current Zoning/FLU | 2 |
| **Proposed Zoning/FLU | 2 |
| *Change in Demand | 0 |

| F. Stormwater: |
|---|
| Potential increase in volume discharged due to increased impervious coverage, reduced groundwater seepage or loss of surface water storage impacting Adopted LOS of 25-year 3-day storm Pre vs. Post Runoff (Storm sewers to convey 5 year- 1 day storm event; Canals to convey 3 year – 1 day storm event) |

| | |
|---------------|---------------------------------------|
| Impact | No volume discharge increase proposed |
|---------------|---------------------------------------|

III. Transportation Analysis: Complete ITE Trip Generation Form (Attached) See Traffic Study

| G. Transportation Analysis: Complete ITE Trip Generation Data Form | | |
|--|---|------------------------------|
| Most recent ITE Code for use; HCM Roadway Capacity Land Use Code 210 and Land Use Code 230 | | |
| | AADT | AM/PM Peak Hour Trips |
| Demand Analysis | Maximum 66 | Maximum |
| Current Zoning/FLU | 66 | 6 / 7 |
| **Proposed Zoning/FLU | 66 | 6 / 7 |
| *Change in Demand | 0 related Trips zoning 66 for site plan | 6 / 7 Trips |
| Impact to Capacity | de minimis | |

IV. Project Description

| | | |
|---|----------------|--------------|
| PHASING | | |
| Is this project (phase) part of a larger project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| If yes, enumerate each phase, the number of units or square footage in each phase and beginning/completion date. | | |
| Total Project: Residential Units: | Single Family: | Multifamily: |
| Non-residential (square footage): | | |
| Mixed-use (describe use): | | |
| (If this is a single phase project, name it Phase I – Total) | | |

| RESIDENTIAL DATA | | | | | |
|-------------------------|-------|-----------------|-------|-------------------------|--------------------------|
| Type | Phase | Number of Units | Acres | Expected beginning date | Expected completion date |
| Single-family, detached | | | | | |
| Single-family, attached | | | | | |
| Multi-family | 1 | 7 | 0.828 | 7/15 | 1/16 |
| Other (specify) | | | | | |

| NON-RESIDENTIAL DATA | | | | | |
|----------------------|-------|----------------|-------|--------------------------|--------------------------|
| Type(s) specify | Phase | Square footage | Acres | Expecting beginning date | Expected completion date |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

- A. Indicate whether the proposed project will be eliminating any existing recreational facilities. If yes, detail the number and type being eliminated. Yes No
- B. 1. Does this application involve demolition or re-use of any structure(s)? Yes No
If yes, what is the size of the structure(s) to be demolished or re-used? _____
2. What is the current use of the structure to be demolished or re-used? N/A
3. Are you claiming trip credits for the demolition or re-use of a structure(s) at the site? Yes No
If yes, provide estimates of credits for each previous use at the site. (Attach sheet with calculations)
Planning Department has this calculation
- C. Exemptions Requested:

** Complete section if requesting a change in zoning, future land use, or expanding

ITP Institute of Transportation Engineers

Trip Generation Data Form (Part 1)

| | |
|--------------------------------------|---------------------------|
| Land Use/Building Type: ¹ | ITE Land Use Code: |
| Source: | Source No. (ITE Use only) |
| Name of Development: | Day of the Week: |
| City: | Day: |
| State/Province: | Month: |
| Zip/Postal Code: | Year: |
| Country: | Metropolitan Area: |

1. For fast-food land use, please specify if hamburger- or nonhamburger-based.

| | |
|---|--|
| Location Within Area: <input type="checkbox"/> (1) CBD <input type="checkbox"/> (2) Urban (Non-CBD) <input type="checkbox"/> (3) Suburban (Non-CBD) <input type="checkbox"/> (4) Suburban CBD <input type="checkbox"/> (5) Rural <input type="checkbox"/> (6) Freeway Interchange Area (Rural) <input type="checkbox"/> (7) Not Given | Detailed Description of Development: ³ |
| Independent Variable: (include data for as many as possible) ² | |
| (1) Employees (#) _____ (2) Persons (#) _____ (3) Total Units (#) (indicate unit: _____) (4) Occupied Units (#) (indicate unit: _____) (5) Gross Floor Area (gross sq. ft.) _____ (% of development occupied _____) (6) Net Rentable Area (sq. ft.) _____ (7) Gross Leasable Area (sq. ft.) _____ (% of development occupied _____) (8) Total Acres (% developed: _____) | (9) Parking Spaces (% occupied: _____) (10) Beds (% occupied: _____) (11) Seats (#) _____ (12) Servicing Positions/Vehicle Fueling Positions _____ (13) Shopping Center % Out-parcels/pads _____ (14) A.M. Peak Hour Volume of Adjacent Street Traffic _____ (15) P.M. Peak Hour Volume of Adjacent Street Traffic _____ (16) Other _____ (17) Other _____ |
| Actual Estimated | Actual Estimated |

2. Definitions for several independent variables can be found in the *Trip Generation, Second Edition, User's Guide Glossary*.
 3. Please provide all pertinent information to describe the subject project, including the presence of bicycle/pedestrian facilities. To report bicycle/pedestrian volumes, please refer to Part 4 of this data form.

| | |
|--|---|
| Other Data: Vehicle Occupancy (#): _____ A.M. _____ P.M. _____ 24-hour % _____ Percent by Transit: _____ 24-hour % _____ A.M. % _____ P.M. % _____ Percent by Carpool/Vanpool: _____ A.M. % _____ P.M. % _____ 24-hour % _____ Employees by Shift: First Shift: Start Time _____ End Time _____ Employees (#) _____ Second Shift: Start Time _____ End Time _____ Employees (#) _____ Third Shift: Start Time _____ End Time _____ Employees (#) _____ Parking Cost on Site: Hourly _____ Daily _____ | Transportation Demand Management (TDM) Information: At the time of this study, was there a TDM program (that may have impacted the trip generation characteristics of this site) underway? <input type="checkbox"/> No <input type="checkbox"/> Yes (if yes, please check appropriate box(es), describe the nature of the TDM program(s) and provide a source for any studies that may help quantify this impact. Attach additional sheets if necessary) |
| <input type="checkbox"/> (1) Transit Service <input type="checkbox"/> (2) Carpool Programs <input type="checkbox"/> (3) Vanpool Programs <input type="checkbox"/> (4) Bicycle/Pedestrian Facilities and Site Improvements | <input type="checkbox"/> (5) Employer Support Measures <input type="checkbox"/> (6) Preferential HOV Treatments <input type="checkbox"/> (7) Transit and Ridesharing Incentives <input type="checkbox"/> (8) Parking Supply and Pricing Management <input type="checkbox"/> (9) Tolls and Congestion Pricing <input type="checkbox"/> (10) Variable Work Hours/Compressed Work Weeks <input type="checkbox"/> (11) Telecommuting <input type="checkbox"/> (12) Other _____ |

Please Complete Form on Other Side

ITE Institute of Transportation Engineers Trip Generation Data Form (Part 2)

Summary of Driveway Volumes

(All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)

| | Average Weekday (M-F) | | | | Saturday | | | | Sunday | | | |
|---|-----------------------|------|--------|-------|----------|------|--------|-------|--------|------|--------|-------|
| | Enter | Exit | Trucks | Total | Enter | Exit | Trucks | Total | Enter | Exit | Trucks | Total |
| 24-Hour Volume | | | | | | | | | | | | |
| A.M. Peak Hour of Adjacent Street Traffic (7 - 9) Time (ex.: 7:15 - 8:15): | | | | | | | | | | | | |
| P.M. Peak Hour of Adjacent Street Traffic (4 - 6) Time: | | | | | | | | | | | | |
| A.M. Peak Hour Generator ² Time: | | | | | | | | | | | | |
| P.M. Peak Hour Generator Time: | | | | | | | | | | | | |
| Peak Hour Generator ¹ Time (Weekend): | | | | | | | | | | | | |

- Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.). Please specify the peak hour.
 - Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.
 - Highest hourly volume during the entire day. Please specify the peak hour.
- Please refer to the *Trip Generation User's Guide* for full definition of terms.

Hourly Driveway Volumes- Average Weekday (M-F)

| A.M. Period | Enter | | Exit | | Total | Mid-day Period | Enter | | Exit | | Total | P.M. Period | Enter | | Exit | | Total |
|-------------|-------|--------|------|--------|-------|----------------|-------|--------|------|--------|-------|-------------|-------|--------|------|--------|-------|
| | All | Trucks | All | Trucks | | | All | Trucks | All | Trucks | | | All | Trucks | All | Trucks | |
| 6:00-7:00 | | | | | | 11:00-12:00 | | | | | | 3:00-4:00 | | | | | |
| 6:15-7:15 | | | | | | 11:15-12:15 | | | | | | 3:15-4:15 | | | | | |
| 6:30-7:30 | | | | | | 11:30-12:30 | | | | | | 3:30-4:30 | | | | | |
| 6:45-7:45 | | | | | | 11:45-12:45 | | | | | | 3:45-4:45 | | | | | |
| 7:00-8:00 | | | | | | 12:00-1:00 | | | | | | 4:00-5:00 | | | | | |
| 7:15-8:15 | | | | | | 12:15-1:15 | | | | | | 4:15-5:15 | | | | | |
| 7:30-8:30 | | | | | | 12:30-1:30 | | | | | | 4:30-5:30 | | | | | |
| 7:45-8:45 | | | | | | 12:45-1:45 | | | | | | 4:45-5:45 | | | | | |
| 8:00-9:00 | | | | | | 1:00-2:00 | | | | | | 5:00-6:00 | | | | | |

Check if Part 3, 4 and/or additional information is attached.

Survey conducted by: Name: _____

Organization: _____

Address: _____

City/State/Zip: _____

Telephone #: _____ Fax #: _____ E-mail: _____

Please return to: Institute of Transportation Engineers

Technical Projects Division
1099 14th Street, NW, Suite 300 West
Washington, DC 20005-3438 USA
Telephone: +1 202-289-0222
Fax: +1 202-289-7722
ITE on the Web: www.ite.org

Trip Generation Data Form (Part 3)

Name/Organization: _____ City/State: _____

Telephone Number: _____

Detailed Driveway Volumes: Attach this sheet to Parts 1 and 2 if you are providing additional information.

Day of the week: _____ (All = All Vehicles Counted, Including Trucks; Trucks = Heavy Duty Trucks and Buses)

| A.M. Period | Enter | | Exit | | Total | | P.M. Period | Enter | | Exit | | Total | |
|-------------|-------|--------|------|--------|-------|--------|-------------|-------|--------|------|--------|-------|--------|
| | All | Trucks | All | Trucks | All | Trucks | | All | Trucks | All | Trucks | All | Trucks |
| 12:00-12:15 | | | | | | | 12:00-12:15 | | | | | | |
| 12:15-12:30 | | | | | | | 12:15-12:30 | | | | | | |
| 12:30-12:45 | | | | | | | 12:30-12:45 | | | | | | |
| 12:45-1:00 | | | | | | | 12:45-1:00 | | | | | | |
| 1:00-1:15 | | | | | | | 1:00-1:15 | | | | | | |
| 1:15-1:30 | | | | | | | 1:15-1:30 | | | | | | |
| 1:30-1:45 | | | | | | | 1:30-1:45 | | | | | | |
| 1:45-2:00 | | | | | | | 1:45-2:00 | | | | | | |
| 2:00-2:15 | | | | | | | 2:00-2:15 | | | | | | |
| 2:15-2:30 | | | | | | | 2:15-2:30 | | | | | | |
| 2:30-2:45 | | | | | | | 2:30-2:45 | | | | | | |
| 2:45-3:00 | | | | | | | 2:45-3:00 | | | | | | |
| 3:00-3:15 | | | | | | | 3:00-3:15 | | | | | | |
| 3:15-3:30 | | | | | | | 3:15-3:30 | | | | | | |
| 3:30-3:45 | | | | | | | 3:30-3:45 | | | | | | |
| 3:45-4:00 | | | | | | | 3:45-4:00 | | | | | | |
| 4:00-4:15 | | | | | | | 4:00-4:15 | | | | | | |
| 4:15-4:30 | | | | | | | 4:15-4:30 | | | | | | |
| 4:30-4:45 | | | | | | | 4:30-4:45 | | | | | | |
| 4:45-5:00 | | | | | | | 4:45-5:00 | | | | | | |
| 5:00-5:15 | | | | | | | 5:00-5:15 | | | | | | |
| 5:15-5:30 | | | | | | | 5:15-5:30 | | | | | | |
| 5:30-5:45 | | | | | | | 5:30-5:45 | | | | | | |
| 5:45-6:00 | | | | | | | 5:45-6:00 | | | | | | |
| 6:00-6:15 | | | | | | | 6:00-6:15 | | | | | | |
| 6:15-6:30 | | | | | | | 6:15-6:30 | | | | | | |
| 6:30-6:45 | | | | | | | 6:30-6:45 | | | | | | |
| 6:45-7:00 | | | | | | | 6:45-7:00 | | | | | | |
| 7:00-7:15 | | | | | | | 7:00-7:15 | | | | | | |
| 7:15-7:30 | | | | | | | 7:15-7:30 | | | | | | |
| 7:30-7:45 | | | | | | | 7:30-7:45 | | | | | | |
| 7:45-8:00 | | | | | | | 7:45-8:00 | | | | | | |
| 8:00-8:15 | | | | | | | 8:00-8:15 | | | | | | |
| 8:15-8:30 | | | | | | | 8:15-8:30 | | | | | | |
| 8:30-8:45 | | | | | | | 8:30-8:45 | | | | | | |
| 8:45-9:00 | | | | | | | 8:45-9:00 | | | | | | |
| 9:00-9:15 | | | | | | | 9:00-9:15 | | | | | | |
| 9:15-9:30 | | | | | | | 9:15-9:30 | | | | | | |
| 9:30-9:45 | | | | | | | 9:30-9:45 | | | | | | |
| 9:45-10:00 | | | | | | | 9:45-10:00 | | | | | | |
| 10:00-10:15 | | | | | | | 10:00-10:15 | | | | | | |
| 10:15-10:30 | | | | | | | 10:15-10:30 | | | | | | |
| 10:30-10:45 | | | | | | | 10:30-10:45 | | | | | | |
| 10:45-11:00 | | | | | | | 10:45-11:00 | | | | | | |
| 11:00-11:15 | | | | | | | 11:00-11:15 | | | | | | |
| 11:15-11:30 | | | | | | | 11:15-11:30 | | | | | | |
| 11:30-11:45 | | | | | | | 11:30-11:45 | | | | | | |
| 11:45-12:00 | | | | | | | 11:45-12:00 | | | | | | |

itef Institute of Transportation Engineers
Trip Generation Data Form (Part 4)

Summary of Bicycle Volumes

| | Average Weekday (M-F) | | | Saturday | | | Sunday | | |
|--|-----------------------|------|-------|----------|------|-------|--------|------|-------|
| | Enter | Exit | Total | Enter | Exit | Total | Enter | Exit | Total |
| 24-Hour Volume | | | | | | | | | |
| A.M. Peak Hour of Adjacent Street Traffic (7 - 9) Time (ex.: 7:15 - 8:15): | | | | | | | | | |
| P.M. Peak Hour of Adjacent Street Traffic (4 - 6) Time: | | | | | | | | | |
| A.M. Peak Hour Generator* Time: | | | | | | | | | |
| P.M. Peak Hour Generator* Time: | | | | | | | | | |
| Peak Hour Generator* Time (Weekend): | | | | | | | | | |

- Highest hourly volume between 7 a.m. and 9 a.m. (4 p.m. and 6 p.m.) as defined in Trip Generation Data Form (Part 2). Please specify the peak hour.
- Highest hourly volume during the a.m. or p.m. period. Please specify the peak hour.
- Highest hourly volume during the entire day. Please specify the peak hour. Please attach supplemental hourly volumes. Please refer to the Trip Generation User's Guide for full definition of terms.

Summary of Pedestrian Volumes

| | Average Weekday (M-F) | | | Saturday | | | Sunday | | |
|--|-----------------------|------|-------|----------|------|-------|--------|------|-------|
| | Enter | Exit | Total | Enter | Exit | Total | Enter | Exit | Total |
| 24-Hour Volume | | | | | | | | | |
| A.M. Peak Hour of Adjacent Street Traffic (7 - 9) Time (ex.: 7:15 - 8:15): | | | | | | | | | |
| P.M. Peak Hour of Adjacent Street Traffic (4 - 6) Time: | | | | | | | | | |
| A.M. Peak Hour Generator* Time: | | | | | | | | | |
| P.M. Peak Hour Generator* Time: | | | | | | | | | |
| Peak Hour Generator* Time (Weekend): | | | | | | | | | |

Survey conducted by: Name: _____

Organization: _____

Address: _____

City/State/Zip: _____

Telephone #: _____

Fax #: _____

E-mail: _____

Please return to: Institute of Transportation Engineers
 Technical Projects Division
 1089 14th Street, NW, Suite 300 West
 Washington, DC 20005-3438 USA
 Telephone: +1 202-289-0222
 Fax: +1 202-289-7722
 ITE on the Web: www.ite.org