

2016 Coral Gables Impact Fee Study

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City Commission Meeting
Coral Gables, Florida
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TischlerBise.com



2007 Impact Fee Schedule

| | Police | Fire and EMS | General Government | Parks | TOTAL |
|--|---------|-----------------|-----------------------|---------------|----------|
| Residential | | | Per Housing U | Jnit | |
| Single Family | \$1,142 | \$2,790 | \$1,466 | \$6,602 | \$12,000 |
| Multi: Low-Rise | \$680 | \$1,661 | \$873 | \$3,931 | \$7,145 |
| Multi: Mid-Rise | \$700 | \$1,711 | \$899 | \$4,049 | \$7,359 |
| Multi: High-Rise | \$577 | \$1,410 | \$741 | \$3,336 | \$6,064 |
| Nonresidential | | Per Squ | are Foot of Gro | ss Floor Area | ı |
| 820 Com / Shop Ctr 25,000 GSF or less | \$1.09 | \$0.76 | \$0.75 | N/A | \$2.60 |
| 820 Com / Shop Ctr 25,001-50,000 GSF | \$0.95 | \$0.66 | \$0.64 | N/A | \$2.25 |
| 820 Com / Shop Ctr 50,001-100,000 GSF | \$0.79 | \$0.57 | \$0.56 | N/A | \$1.93 |
| 820 Com / Shop Ctr 100,001-200,000 GSF | \$0.68 | \$0.51 | \$0.50 | N/A | \$1.69 |
| 820 Com / Shop Ctr 200,001-400,000 GSF | \$0.58 | \$0.46 | \$0.45 | N/A | \$1.48 |
| 710 Office / Inst 10,000 GSF or less | \$0.40 | \$1.03 | \$1.00 | N/A | \$2.43 |
| 710 Office / Inst 10,001-25,000 GSF | \$0.32 | \$0.95 | \$0.93 | N/A | \$2.20 |
| 710 Office / Inst 25,001-50,000 GSF | \$0.28 | \$0.90 | \$0.88 | N/A | \$2.05 |
| 710 Office / Inst 50,001-100,000 GSF | \$0.24 | \$0.85 | \$0.83 | N/A | \$1.91 |
| 720 Medical-Dental Office | \$0.64 | \$0.93 | \$0.91 | N/A | \$2.48 |
| 610 Hospital | \$0.31 | \$0.77 | \$0.76 | N/A | \$1.84 |
| 770 Business Park | \$0.23 | \$0.72 | \$0.71 | N/A | \$1.66 |
| 110 Light Industrial | \$0.12 | \$0.53 | \$0.52 | N/A | \$1.17 |
| 140 Manufacturing | \$0.07 | \$0.41 | \$0.40 | N/A | \$0.88 |
| 150 Warehousing | \$0.09 | \$0.29 | \$0.29 | N/A | \$0.67 |
| 151 Mini-Warehouse | \$0.04 | \$0.01 | \$0.01 | N/A | \$0.06 |
| Other Nonresidential | | | | | _ |
| 320 Lodging (per room) | \$100 | \$101 | \$99 | N/A | \$299 |
| 520 Elementary School (per student) | \$23 | \$18 | \$18 | N/A | \$59 |
| 530 Secondary School (per student) | \$30 | \$21 | \$20 | N/A | \$71 |
| 565 Day Care (per student) | \$79 | \$37 | \$36 | N/A | \$152 |

Coral Gables also collects a sanitary sewer capacity fee by water meter size. Minimum fee is \$713 for smallest meter size.



Updated 2016 Impact Fee Schedule

| Proposed | Police Facilities | Fire Facilities | Municipal Facilities | Parks and Recreation | Mobility Facilities | Administrative Charges | Proposed Total | |
|----------------------------|--|--------------------|-------------------------|-------------------------|------------------------|---------------------------|-------------------|--|
| Residential (per housing | unit by squar | e feet of livin | g space) | | | | | |
| 1400 or less | \$131 | \$147 | \$447 | \$3,512 | \$793 | \$42 | \$5,072 | |
| 1401 to 2500 | \$21 5 | \$242 | \$735 | \$5,774 | \$1,304 | \$70 | \$8,340 | |
| 2501 to 3700 | \$270 | \$305 | \$924 | \$7,260 | \$1,640 | \$88 | \$10,487 | |
| 3701 to 4900 | \$307 | \$346 | \$1,049 | \$8,239 | \$1,861 | \$100 | \$11,902 | |
| 4901 or more | \$335 | \$377 | \$1,143 | \$8,982 | \$2,029 | \$109 | \$12,975 | |
| Nonresidential (per 1,000 | Nonresidential (per 1,000 square feet of building) | | | | | | | |
| Retail & Restaurant | \$591 | \$290 | \$880 | \$1,244 | \$1, 558 | \$83 | \$4,646 | |
| Institutional & Industrial | \$213 | \$109 | \$332 | \$470 | \$589 | \$31 | \$1,744 | |
| Office & Other Services | \$231 | \$397 | \$1,202 | \$1,700 | \$2,130 | \$114 | \$5,774 | |



Updated 2016 Impact Fee Schedule

| Increase/ Decrease | Police Facilities | Fire Facilities | Municipal Facilities | Parks and Recreation | Mobility Facilities | Administrative Charges | Cumulative Change |
|----------------------------|----------------------|--------------------|-------------------------|-------------------------|------------------------|---------------------------|----------------------|
| Residential (per housing u | ınit by squar | e feet of living | g space) | | | 3 | 3 - |
| 1400 or less | -\$446 | -\$1,263 | -\$294 | \$176 | \$793 | \$20 | -\$1,014 |
| 1401 to 2500 | -\$362 | -\$1,168 | -\$6 | \$2,438 | \$1,304 | \$48 | \$2,254 |
| 2501 to 3700 | -\$410 | -\$1,356 | \$51 | \$3,329 | \$1,640 | \$62 | \$3,316 |
| 3701 to 4900 | -\$373 | -\$1,315 | \$176 | \$4,308 | \$1,861 | \$74 | \$4,731 |
| 4901 or more | -\$807 | -\$2,413 | -\$323 | \$2,380 | \$2,029 | \$64 | \$930 |
| Nonresidential (per 1,000 | square feet | of building) | | | | | - |
| Retail & Restaurant | -\$499 | -\$470 | \$130 | \$1,244 | \$1,558 | \$23 | \$1,986 |
| Institutional & Industrial | \$123 | -\$181 | \$42 | \$470 | \$589 | \$21 | \$1,064 |
| Office & Other Services | -\$169 | -\$633 | \$202 | \$1,700 | \$2,130 | \$64 | \$3,294 |



Updated 2016 Sewer Capacity Fees

Sewer Capacity Fee (per connection)

| Matar Ciza (inchas)* | Capacity | Proposed Sewer | Current | Increase / |
|----------------------|----------|----------------|----------|------------|
| Meter Size (inches)* | Ratio** | Fee | Fee | (Decrease) |
| 0.75 | 1.00 | \$850 | \$713 | \$137 |
| 1.00 | 1.67 | \$1,420 | \$1,071 | \$349 |
| 1.50 | 3.33 | \$2,831 | \$1,890 | \$941 |
| 2.00 | 5.33 | \$4,532 | \$2,902 | \$1,630 |
| 3.00 | 10.67 | \$9,073 | \$6,322 | \$2,751 |
| 4.00 | 16.67 | \$14,175 | \$10,687 | \$3,488 |
| 6.00 | 33.33 | \$28,342 | | |
| 8.00 | 53.33 | \$45,350 | | |

^{*} Sewer fees are based on water meter size.

^{**} Source American Water Works Association, M6.

Updated Fees for University of Miami

Police Facilities Cost per Inbound Vehicle Trip) \$39

Net Capital Cost (94%) \$39

Nonresidential (per 1,000 square feet of building)

| | Avg Wkdy Veh | Trip Adjustment | University of |
|--------------------|--------------|-----------------|-----------------|
| Туре | Trip Ends | Factors | Miami Police |
| | | | Facilities Fees |
| Academic Buildings | 5.19 | 33% | \$66 |

| Fee Schedule per KSF for Acc | Cost per KSF | |
|------------------------------|--------------|---------------------|
| (Type 1) | | Citywide and Type 2 |
| Police Facilities | \$66 | \$213 |
| Fire Facilities | \$109 | \$109 |
| Municipal Facilities | \$332 | \$332 |
| Parks and Recreation | \$0 | \$470 |
| Mobility Facilities | \$589 | \$589 |
| Administrative Charges | \$31 | \$31 |
| TOTAL | \$1,127 | \$1,744 |
| Current Impact Fee per KSF | \$650 | |
| Increase/Decrease | \$477 | |

| Cost nor Borson in | Cost per Person | |
|--------------------------|-----------------|---------|
| Cost per Person in | Citywide | |
| Police Facilities (94%) | \$118 | \$126 |
| Fire Facilities | \$142 | \$142 |
| Municipal Facilities | \$430 | \$430 |
| Parks and Recreation | \$0 | \$3,377 |
| Mobility Facilities | \$763 | \$763 |
| Administrative Charges | \$41 | \$41 |
| Total Cost per Person | \$1,494 | \$4,879 |
| Current Cost per Student | \$2,056 | |
| Increase/Decrease | -\$562 | |

2016 Methods and Cost Components

| Type of | Service Area | Cost Recovery | Incremental Expansion | Plan-Based | Cost Allocation |
|-----------------|--------------|---------------|--------------------------|---------------------------|-------------------------|
| Infrastructure | | (past) | (present) | (future) | |
| | | | | | Functional Population |
| Police | Citavido | | | Police Buildings and Site | and Inbound Vehicle |
| Police | Citywide | | | Expansion | Trips to Nonresidential |
| | | | | | Development |
| Fire | Citywide | | | Fire Buildings and Site | Functional Population |
| rire | Citywide | | | Expansion | and Jobs |
| Municipal | Citavido | | Duildings and Land | | Functional Population |
| Facilities | Citywide | | Buildings and Land | | and Jobs |
| | | | Active Parks, | | |
| Parks and | Citarrido | | Passive/Linear Parks and | | Daytime Population |
| Recreation | Citywide | | Recreation Buildings | | and Jobs |
| | | | (improvements and land) | | |
| Mobility | Citywide | | | Multimodal Roadway and | Functional Population |
| Wiodility | Citywide | | | Streetscape Improvements | and Jobs |
| Canitary Course | Citavido | Collection | | Capacity Projects | Average Day |
| Sanitary Sewer | Citywide | System | | (average cost allocation) | Wastewater Flow |

Cost Recovery (past)

- Oversized facilities
- Funds can be used for debt service

Incremental Expansion (present)

- Formula-based approach documents level-of-service with both quantitative and qualitative measures Plan-Based (future)
- Common for utilities but can be used for other public facilities with non-impact fee funding

Residential Impact Fee Structure

Proposing fees by dwelling size instead of unit type

- Living space (air conditioned square feet) from building permits
- Simplifies fee determination
- Addresses demographic data limitation (table B25033 categories are single detached and attached, two or more units per structure)

| Coral Gables Population and Housing Characteristics | | | | | | | |
|---|---------|--------|-------------|---------|--------------|---------|---------|
| Units in Structure | Persons | House- | Persons per | Housing | Persons per | Housing | Vacancy |
| | | holds | Household | Units | Housing Unit | Mix | Rate |
| Single Unit ¹ | 32,966 | 11,195 | 2.94 | 12,306 | 2.68 | 60% | 9% |
| | | | | | | | |

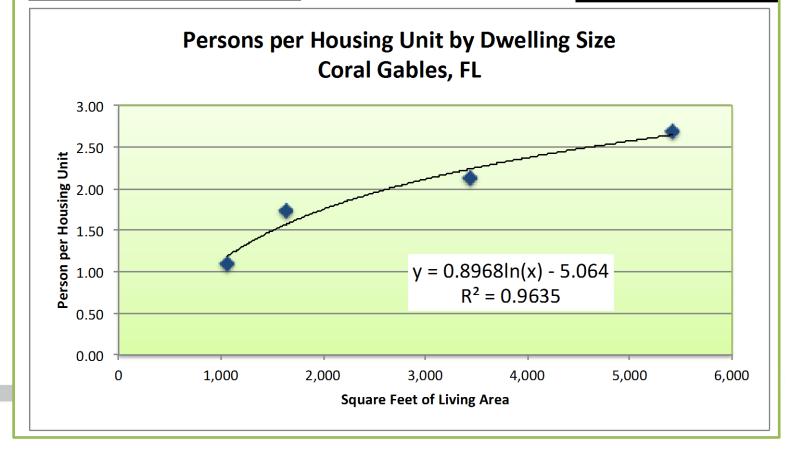
ngle unit includes detached, attached, and mobile homes.



Average Persons by Dwelling Size

Average persons per housing unit are derived from 2013 ACS PUMS data for Coral Gables. Average square feet of living space was derived from City building permits from 2013-15, except 1 bedroom, which is the mean size for all multifamily units constructed in the South Census Region in 2014.

| Actual A | Averages per Hsg | Fitted-Curve Values | | |
|----------|------------------|---------------------|--------------|---------|
| Bedrooms | Square Feet | Persons | Sq Ft Range | Persons |
| 0-1 | 1,070 | 1.10 | 1400 or less | 1.04 |
| 2 | 1,641 | 1.74 | 1401 to 2500 | 1.71 |
| 3 | 3,437 | 2.13 | 2501 to 3700 | 2.15 |
| 4+ | 5,418 | 2.68 | 3701 to 4900 | 2.44 |
| | | | 4901 or more | 2.66 |





Nonresidential Fee Structure

Recommending a simplified fee schedule

- 20 categories are harder to interpret and complicate change of use decisions
- Eliminating size thresholds helps small businesses that tend to be locally owned and operated
- Fees by floor area and other development units (e.g. hotel rooms) make it impossible to compare relative fee burden across all nonresidential categories



Functional Population

| Infrast | Infrastructure Cost Allocation Based on Functional Population | | | | | |
|---------|---|------------------------|----------|------------------|-----------|--|
| | | Demand Units in 2014 | | Demand | Person | |
| Residen | ntial | | | Hours/Day | Hours | |
| P | opulation* | 51,227 | | | | |
| 64% R | esidents Not Working | 32,777 | | 20 | 655,540 | |
| 36% R | esident Workers** | 18,450 | D | | | |
| 17% W | Vorked in City** | | 3,156 | 14 | 44,184 | |
| 83% W | Vorked Outside Cit y** | | 15,294 | 14 | 214,116 | |
| | | | Resi | dential Subtotal | 913,840 | |
| | | | Resid | dential Share => | 57% | |
| Nonresi | idential | | | | | |
| N | Ion-working Residents | 32,777 | | 4 | 131,108 | |
| Jo | obs Located in Cit y** | 54,664 | D | | | |
| 6% R | esidents Working in City | ** | 3,156 | 10 | 31,560 | |
| 94% N | Ion-Resident Workers (ir | nflow commuters) | 51,508 | 10 | 515,080 | |
| | | | Nonresi | dential Subtotal | 677,748 | |
| | | | Nonresid | lential Share => | 43% | |
| ** 20 | .4 U.S. Census Bureau po 114 Inflow/Outflow Analy s Bureau data for all job | vsis, OnTheMap web app | | TOTAL | 1,591,588 | |

Updated Police Impact Fees

| Proposed Public Safety Building | Bidg Sq Ft | Percent of Total |
|---------------------------------|--------------|------------------|
| Police Department Area | 54,298 | 47% |
| Fire Department Area | 25,705 | 22% |
| Other Area | 35,816 | 31% |
| TOTAL | 115,819 | |
| Cost for Building plus | \$30,000,000 | |
| Land Cost for | \$2,430,000 | |

Total Cost => \$32,430,000

\$280

Total Cost divided by Square Feet of Building => Source: Coral Gables Public Works Department.

Police Building Standards

| | Residential | Nonresidential | |
|------------------------------|-------------|--------------------|--|
| Proportionate Share | E 70/ | 420/ | |
| (functional population) | 57% | 43% | |
| Growth Indicator | Residents | Avg Wkdy Veh Trips | |
| Growth indicator | | to Nonres Dev | |
| Service Units in FY35-36 | 63,791 | 171,438 | |
| Square Feet per Service Unit | 0.49 | 0.14 | |
| Cost per Service Unit | \$126 | \$42 | |

| | Cost per | Cost per Inbound |
|--|----------|------------------|
| | Person | Vehicle Trip |
| Police Building and Site Expansion | \$126 | \$42 |
| D = =! -! == = +! =! /= = = != = = !=! = = = !=! | | |

Residential (per housing unit)

| Square Feet of Living Space | Persons per | Proposed Police | Current | Increase/ |
|-----------------------------|--------------|-----------------|---------|-----------|
| Square reet of Living Space | Housing Unit | Facilities Fees | Fees | Decrease |
| 1400 or less | 1.04 | \$131 | \$577 | -\$446 |
| 1401 to 2500 | 1.71 | \$215 | \$577 | -\$362 |
| 2501 to 3700 | 2.15 | \$270 | \$680 | -\$410 |
| 3701 to 4900 | 2.44 | \$307 | \$680 | -\$373 |
| 4901 or more | 2.66 | \$335 | \$1,142 | -\$807 |

Nonresidential (per 1,000 square feet of building)

| Type | Avg Wkdy Veh | Trip Adjustment | Proposed Police | Current | Increase/ |
|----------------------------|--------------|-----------------|-----------------|---------|-----------|
| Туре | Trip Ends | Factors | Facilities Fees | Fees | Decrease |
| Retail & Restaurant | 42.70 | 33% | \$591 | \$1,090 | -\$499 |
| Institutional & Industrial | 15.43 | 33% | \$213 | \$90 | \$123 |
| Office & Other Services | 11.03 | 5 0 % | \$231 | \$400 | -\$169 |





Retail & Restaurant

Institutional & Industrial

Office & Other Services

Updated Fire Impact Fees

2.62

0.99

3.58

| Fire Stations | Square | Project | |
|--------------------------------------|--------|-------------|--|
| | Feet | Cost | |
| Planned Fire Station #1 * | 25,705 | \$7,197,000 | |
| Existing Fire Station #2 | 11,072 | | |
| Planned Fire Station #2 addition | 10,810 | \$2,567,000 | |
| (two stories plus training tower) ** | 10,610 | \$2,567,000 | |
| Existing Fire Station #3 | 14,063 | | |
| TOTAL | 61,650 | \$9,764,000 | |

^{*} Fire Station #1 building and site expansion cost is \$280 per square foot.

** AECOM 7/25/16 cost estimate, provided by Public Works, is

approximately \$237 per additional square foot.

| | | | | approximate | iy 7237 per adambonar squar | e joot. | |
|---|--------------------|----------------|---------|---------------|------------------------------------|--------------|---------|
| | | | | Allocation Fe | actors for Fire Stations | | |
| | Cost per | | | Cost of | Cost of Planned Buildings and Site | | |
| | Person | Cost per Job | | I | Expansion per Square Foot | | |
| Fire Department Buildings | \$142 | \$111 | | | Residential Share | 5 7 % | |
| Residential (per housing unit) | | | | | Nonresidential Share | 43% | |
| " 3 7 | ı | Proposed Fire | Current | - | FY 35-36 Residents | 63,791 | |
| Square Feet of Living Space | Persons per | , | | | FY35-36 Jobs | 66,806 | |
| , | Hsg Unit | Facilities Fee | Fees | Infrastructui | re Standards for Fire Station | <u> </u> | |
| 1400 or less | 1.04 | \$147 | \$1,410 | _ | - | Square | Capital |
| 1401 to 2500 | 1.71 | \$242 | \$1,410 | | | Feet | Cost |
| 2501 to 3700 | 2.15 | \$305 | \$1,661 | | Residential (per person) | 0.55 | \$142 |
| 3701 to 4900 | 2.44 | \$346 | \$1,661 | | Nonresidential (per job) | 0.40 | \$111 |
| 4901 or more | 2.66 | \$377 | \$2,790 | -\$2,413 | | | |
| Nonresidential (per 1,000 squ | are feet of buildi | ng) | | | | | |
| Tuno | Jobs per 1,000 | Proposed Fire | Current | Increase/ | | | |
| Туре | Sq Ft | Facilities Fee | Fees | Decrease | | | |

\$760

\$290

\$1,030

-\$470 -\$181

-\$633

\$290

\$109

\$397

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Updated Fees for Municipal Facilities

| Municipal Sites | | Building | Building | Land |
|-----------------------------------|------|-------------|--------------|--------------|
| | | Square Feet | Cost* | Cost ** |
| Planning Dept. (427 Biltmore Way) | | 2,400 | | |
| City Hall | | 6,892 | | |
| Public Works (72nd Ave) | | 87,035 | | |
| TO | OTAL | 96,327 | \$15,399,000 | \$25,700,000 |

^{*} Buildings cost is approximately \$160 per square foot.

Allocation Factors for Municipal Facilities

| Building plus Land Cost per Square Foot | \$427 |
|---|--------|
| Residential Share | 57% |
| Nonresidential Share | 43% |
| FY 15-16 Residents | 52,259 |
| FY15-16 Jobs | 55,663 |

Infrastructure Standards for Municipal Facilities

| | Square | Capital |
|--------------------------|--------|---------|
| | Feet | Cost |
| Residential (per person) | 1.05 | \$430 |
| Nonresidential (per job) | 0.74 | \$336 |

| · | | | | |
|---|-------------------------|---|-----------------|-----------------------|
| Municipal Facilities Costs | Cost | Cost | | |
| | per Person | per Job | | |
| Buildings and Land | \$430 | \$336 | | |
| Residential (per dwelling) | | | • | |
| Square Feet of Finished Living Space | Persons per Dwelling | Proposed Municipal Facilities Fee | Current Fees | Increase/ Decrease |
| 1400 or less | 1.04 | \$447 | \$741 | -\$294 |
| 1401 to 2500 | 1.71 | \$735 | \$741 | -\$6 |
| 2501 to 3700 | 2.15 | \$924 | \$873 | \$51 |
| 3701 to 4900 | 2.44 | \$1,049 | \$873 | \$176 |
| 4901 or more | 2.66 | \$1,143 | \$1,466 | -\$323 |
| Nonresidential (per 1,000 Se | quare Feet) | | | |
| Development Type | Jobs per 1,000 Sq Ft | Proposed Municipal Facilities Fee | Current Fees | Increase/ Decrease |
| Retail & Restaurant | 2.62 | \$880 | \$750 | \$130 |
| Institutional & Industrial | 0.99 | \$332 | \$290 | \$42 |
| Office & Other Services | 3.58 | \$1,202 | \$1,000 | \$202 |

^{**} Municipal Facilities occupy 2.36 acres, with a cost estimate of \$10,890,000 per acre.

Updated Parks/Recreation Impact Fees

| Daytime Popule | aytime Population in 2014 | | | Cumulative Impact Days per Year Cos | | | ntion for Parks |
|----------------------------------|---------------------------|------------|---|-------------------------------------|----------------|----------------|-----------------|
| Jurisdiction | Residents* | Inflow | Residential** Nonresidential*** Total I | | Residential | Nonresidential | |
| | | Commuters* | | | | | |
| Coral Gables | 51,227 | 51,508 | 18,697,855 | 2,465,019 | 21,162,874 | 88% | 12% |
| * Data source i | s U.S. Census B | ureau. | | ** residential da | ys per year => | 365 | |
| *** nonresidential days per year | | | | | | | |

Instituitional jobs (12%) like University of Miami, assume 1 day per week x 32 weeks per year => *32* All other jobs (88%) assume 1 day per week x 50 weeks per year => 50

2016 Cost Factors

| Fee Component | Cost per Person | Cost per Job |
|--------------------------|-----------------|--------------|
| Active Park Improvements | \$1,407 | \$198 |
| plus Land | \$1,407 | \$130 |
| Passive/Linear Park | \$1,466 | \$206 |
| Improvements plus Land | \$1,400 | \$200 |
| Recreation Buildings | \$504 | \$71 |
| plus Land | Ş30 4 | \$/1 |
| Revenue Credit | \$0 | \$0 |
| TOTAL | \$3,377 | \$475 |

Residential (per dwelling)

| Square Feet of Finished | Persons per | Proposed Parks & | Current | Increase/ |
|-------------------------|--------------|------------------|---------|-----------|
| Living Space | Housing Unit | Recreation Fee | Fees | Decrease |
| 1400 or less | 1.04 | \$3,512 | \$3,336 | \$176 |
| 1401 to 2500 | 1.71 | \$5,774 | \$3,336 | \$2,438 |
| 2501 to 3700 | 2.15 | \$7,260 | \$3,931 | \$3,329 |
| 3701 to 4900 | 2.44 | \$8,239 | \$3,931 | \$4,308 |
| 4901 or more | 2.66 | \$8,982 | \$6,602 | \$2,380 |

Nonresidential (per 1,000 square feet of building)

| Tuno | Jobs per 1,000 | Proposed Parks & | Current | Increase/ |
|----------------------------|----------------|------------------|---------|-----------|
| Туре | Square Feet | Recreation Fee | Fees | Decrease |
| Retail & Restaurant | 2.62 | \$1,244 | \$0 | \$1,244 |
| Institutional & Industrial | 0.99 | \$470 | \$0 | \$470 |
| Office & Other Services | 3.58 | \$1,700 | \$0 | \$1,700 |



Proposed Mobility Improvements

| Mobility Projects to be Partially Funded by Impact Fees | | | | | | | |
|--|--|--------------|--------|-------------|--|--|--|
| FY17-21 | Description | Project | Growth | Growth | | | |
| CIP Page# | | Total | Share | Cost | | | |
| 111 | Installation of Bike Paths | \$3,043,995 | 85% | \$2,600,000 | | | |
| 127 | Sidewalk Extensions | \$950,000 | 100% | \$950,000 | | | |
| 155 | Aragon Pedestrian and Bike Amenities | \$800,000 | 100% | \$800,000 | | | |
| 115 | Multimodal Transportation Plan | \$300,000 | 10% | \$30,000 | | | |
| 128 | Traffic Calming Program | \$2,225,000 | 10% | \$223,000 | | | |
| 141 | Miracle Mile Streetscape | \$22,188,200 | 10% | \$2,219,000 | | | |
| 143 | Giralda Ave Streetscape | \$4,730,000 | 10% | \$473,000 | | | |
| 147 | Ponce Median - 8th St to Flagler St | \$300,000 | 10% | \$30,000 | | | |
| 157 | S Dixie Hwy Corridor Master Plan | \$150,000 | 10% | \$15,000 | | | |
| | Marginal Cost Subtotal | \$34,687,195 | 21% | \$7,340,000 | | | |
| Non-Growth Share of Mobility Projects to be Funded by Other Revenues => \$27,347,195 | | | | | | | |
| , | CIP Subtotal for Transportation & ROW => | \$61,704,114 | | | | | |
| | Mobility Projects Share of Total => | 56% | | | | | |



Proposed Mobility Fees

| Growth Cost and Allocation per Service Unit | | | | | | | |
|---|-----------------------|---------------------------------|--------------------------|--|--|--|--|
| | \$7,340,000 | | | | | | |
| | | 2016 | 2026 | | | | |
| | Population | 52,259 | 57,738 | | | | |
| | Jobs | 55,663 | 60,962 | | | | |
| | Growth Share B | 10% | | | | | |
| | Functional Population | 2016 to 2026 | Cost per Service | | | | |
| | Proportionate Share | Increase | Unit | | | | |
| Population | 57% | 5,479 | \$763 | | | | |
| Jobs | 43% | 5,299 | \$595 | | | | |
| Residential | | | | | | | |
| Square Feet of Living | Davalanment Unit | Persons per | Proposed | | | | |
| Space | Development Unit | Housing Unit | Mobility Fee | | | | |
| 1400 or less | Dwelling Unit | 1.04 | \$793 | | | | |
| 1401 to 2500 | Dwelling Unit | 1.71 | \$1,304 | | | | |
| 2501 to 3700 | Dwelling Unit | 2.15 | \$1,640 | | | | |
| 3701 to 4900 | Dwelling Unit | 2.44 | \$1,861 | | | | |
| 4901 or more | Dwelling Unit | 2.66 | \$2,029 | | | | |
| Nonresidential | | | | | | | |
| Туре | Development Unit | Jobs per Development Unit | Proposed Mobility Fee | | | | |
| Retail & Restaurant | 1,000 Sq Ft | 2.62 | \$1,558 | | | | |
| Institutional & Industrial | 1,000 Sq Ft | 0.99 | \$589 | | | | |
| Office & Other Services | 1,000 Sq Ft | 3.58 | \$2,130 | | | | |



Updated Sanitary Sewer Cost Components

| Basin Name | Gravity Mains Initial Cost (12-21 inch) | Pump Station Peak Capacity (MGD) | Pump Station Initial Cost | Force Mains Initial Cost | |
|---|---|--|------------------------------|-----------------------------|--|
| Total Peak Capacity | 29.96 | | | | |
| Average Day Capacity* | | 7.49 | | | |
| Total Cost | \$2,266,323 | | \$14,437,806 | \$6,663,170 | |
| | | | Grand Total => | \$23,367,299 | |
| Cost of Collection System per Average Day Gallon of Capacity => \$3.12 | | | | | |
| Data source: Sanitary Sewer Plan of Compliance, Hazen and Sawyer, March 2016. | | | | | |
| * assumes average day capacity is 25% of peak | | | | | |

| | | 1 | 2 | 3 | 4 | 5 | Five-Year |
|---|---------------------------------|----------------|-------------|-------------|----------------|----------------|--------------|
| CIP# | Fiscal Year => | <i>2015-16</i> | 2016-17 | 2017-18 | 2018-19 | 2019-20 | TOTAL |
| Capacity Projects to be Partially Funded by Impact Fees | | | | | | | |
| 169 | Inflow & Infiltration Abatement | \$1,882,827 | \$0 | \$0 | \$0 | \$0 | \$1,882,827 |
| 171 | Cross Connection Removal | \$290,457 | \$165,000 | \$165,000 | \$165,000 | \$165,000 | \$950,457 |
| | Subtotal | \$2,173,284 | \$165,000 | \$165,000 | \$165,000 | \$165,000 | \$2,833,284 |
| | | | | Sewe | r Flow in 2020 | (gal/avg day) | 3,930,000 |
| | | | | Capital | Cost per Gallo | on of Capacity | \$0.72 |
| Proje | cts Funded by Utility Rates | | | | | | |
| 165 | Station F Rehabilitation | \$167,551 | \$0 | \$0 | \$0 | \$0 | \$167,551 |
| 167 | Major Repairs | \$1,436,113 | \$1,100,000 | \$1,100,000 | \$1,100,000 | \$1,100,000 | \$5,836,113 |
| 173 | County Volume Ordinance | \$2,198,947 | \$0 | \$0 | \$0 | \$0 | \$2,198,947 |
| 175 | Sewer Pipe Cameras | \$100,000 | \$0 | \$0 | \$0 | \$0 | \$100,000 |
| 177 | Pump Station1 Upgrade | \$250,000 | | | | | \$250,000 |
| 178 | Grease Trap Assessment | \$50,000 | | | | | \$50,000 |
| | Subtotal | \$4,202,611 | \$1,100,000 | \$1,100,000 | \$1,100,000 | \$1,100,000 | \$8,602,611 |
| | | | | | | | |
| | Total Sewer CIP | \$6,375,895 | \$1,265,000 | \$1,265,000 | \$1,265,000 | \$1,265,000 | \$11,435,895 |