

Capital Improvements Element

GOAL 1

TO PROVIDE AND MAINTAIN, IN A TIMELY FASHION, ADEQUATE, EFFICIENT, RELIABLE, EQUITABLE AND ENVIRONMENTALLY SOUND PUBLIC FACILITIES THAT ARE FINANCIALLY FEASIBLE.

- Objective 1.1 The City shall use, in its biennial budget process, the 5-Year Schedule of Capital Improvements to set funding levels for the provision, renewal or replacement of public facilities necessary to meet and maintain the adopted Level of Service (LOS) standards for existing and future populations.
- Policy 1.1.1 The Capital Improvements Element shall only include facility expenditure information for the facility types with adopted LOS standards (Transportation, Potable Water, Water Supply, Wastewater, Recreation, Public Schools Facilities and Stormwater Management). Existing and projected facility needs identified in those elements are included in this Element. Other capital expenditures are listed in the biennial budget and the City's 5-Year Capital Improvement Plan or Gainesville Regional Utilities' (GRU) 6-Year Capital Improvement Plan.
- Policy 1.1.2 The Capital Improvements Element shall define a capital improvement as land, non-structural improvements to land and structures (including the costs for design, permitting, construction, furnishings and equipment) with a unit cost of \$25,000 or more. The improvement shall have an expected life of at least 2 years.
- Policy 1.1.3 The City shall schedule and fund City capital projects shown in the 5-Year Schedule of Capital Improvements included in this Element.



- Policy 1.1.4 The City shall annually review and update the Capital Improvements Element and 5-Year Schedule of Capital Improvements during the regular budget planning and adoption process.
- Policy 1.1.5 The City and GRU shall continue their policies of annually including capital projects and capital equipment as part of their adopted budgets.
- Policy 1.1.6 The City's Capital Improvements Element shall be considered a component of the City's overall Capital Improvements Program (CIP) in the annual budget appropriations and the 5-Year Capital Improvement Plan (5-YR CIP) and items listed in the CIP and 5-YR CIP shall reflect the priorities and needs set in the Capital Improvements Element.
- Policy 1.1.7 The Potable Water and Wastewater sections of the City's Capital Improvements Element shall be considered a subset of GRU's capital budget and 6-Year Capital Improvements Plan (6-YR CIP), and the capital budget and 6-YR CIP shall reflect the priorities and needs set in the Capital Improvements Element.
- Policy 1.1.8 The Capital Improvements Element and 5-Year Schedule of Improvements shall reflect the policies and needs set in other elements of the Comprehensive Plan.
- Policy 1.1.9 The City shall replace or renew capital facilities required to maintain adopted LOS standards when deemed necessary by prudent engineering and utility practices. These improvements shall be included in the 5-Year Schedule of Capital Improvements.
- Policy 1.1.10 The City shall evaluate all annexation proposals to determine its ability to provide facilities at adopted LOS standards for the residents in the area(s) to be annexed.
- Policy 1.1.11 The 5-Year Schedule of Capital Improvements shall identify projects necessary to ensure that any adopted LOS standards are achieved and maintained for the 5-year period. The projects shall be identified as either funded or unfunded and given a level of priority for funding.
- Policy 1.1.12 The City incorporates by reference the Alachua County School District's "5-Year District Facilities Work Program" as updated annually by October 1 of each year per the requirements of Florida Statutes. The Alachua County School District's "5-Year District Facilities Work Program" is posted and annually updated on the websites of the Florida Department of Education, Office of Educational Facilities and the School Board of Alachua County, Department of Facilities, Maintenance, Planning and Construction.



Objective 1.2 The City shall continue to ensure the provision of services and facilities needed to meet and maintain the LOS standards adopted in this Plan.

Policy 1.2.1 The City shall adopt the following LOS standards for public facilities within its jurisdiction as indicated in the below listed elements of its Comprehensive Plan:

Transportation Mobility: Objective 1.1 and associated policies

Stormwater: Policy 1.1.1

Potable Water & Water Supply: Policy 1.1.1 and Policy 1.1.3

Wastewater: Policy 1.1.2 Recreation: Policy 1.1.1 Solid Waste: Policy 1.4.1

Public School Facilities: Policy 2.3.1

Policy 1.2.2 The LOS adopted for Transportation Mobility is solely for planning purposes and not for the purpose of applying transportation concurrency. Transportation Mobility LOS is excluded from the Concurrency Management System, and final development orders are not conditioned on transportation concurrency. The foregoing provisions shall apply to all references to Transportation Mobility LOS in the Comprehensive Plan.

- Policy 1.2.3 The City shall continue to use the Concurrency Management System to issue final development orders conditioned on the following:
 - a. The availability of existing public facilities associated with the adopted LOS standards; and
 - b. The funding, based on existing or projected funding sources, of public facilities listed in the City's 5-Year Schedule of Capital Improvements or the Alachua County School District's "5-Year District Facilities Work Program" that are needed to maintain adopted LOS standards.
- Policy 1.2.4 If the projected revenues to support capital improvements become unavailable, the City shall amend the relevant LOS standards in the Comprehensive Plan or prohibit any development that would lower the adopted LOS standards that are included in the Concurrency Management System.
- Policy 1.2.5 The City shall continue operation of its Concurrency Management System. The Concurrency Management System is used to determine whether adequate facilities exist, when the impacts of development are expected to occur, to maintain adopted LOS standards set in the Comprehensive Plan. The latest point in the application process for the determination of concurrency is prior to the approval of an application for a development order or permit which



contains a specific plan for development, including the densities and intensities of development.

Policy 1.2.6 The concurrency requirements for potable water, solid waste, stormwater management, water supply, recreation, and wastewater shall be met by any one of the following standards:

- a. The necessary facilities and services are in place at the time a final development order is issued;
- b. A final development order is issued subject to the condition that the necessary facilities and services will be in place and available to serve the development no later than the issuance of a certificate of occupancy or its functional equivalent;
- c. The necessary facilities are under construction and bonded for completion at the time a final development order is issued; or
- d. The necessary facilities and services are guaranteed in an enforceable development agreement that is secured by a completion bond, letter of credit, or other acceptable form of security, subject to review and approval as to form and legality by the City Attorney. The agreement must guarantee that the necessary facilities and services will be in place and available to serve the development no later than the issuance of a certificate of occupancy or its functional equivalent.
- e. Prior to approval of a building permit or its functional equivalent, the City shall consult with Gainesville Regional Utilities to determine whether adequate water supplies to serve the new development will be available no later than the anticipated date of issuance by the City of a certificate of occupancy or its functional equivalent.

Policy 1.2.7 The concurrency requirements for public school facilities shall be met if:

- a. Adequate school facilities (elementary, middle, and high school) are in place or will be under actual construction within 3 years after the issuance of a final development order or its functional equivalent;
- b. Adequate school facilities are available in an adjacent School Concurrency Service Area (SCSA) or will be in place or under actual construction in an adjacent SCSA within 3 years after the issuance of a final development order or its functional equivalent; or
- c. The developer executes a legally binding commitment to provide mitigation proportionate to the demand for public school facilities to



be created by actual development of the property, including, but not limited to, the options described in Subsection 163.3180(6)(h)2.a., F.S.

- Policy 1.2.8 Notwithstanding a failure to satisfy school concurrency, a development may proceed if all the following factors are shown to exist:
 - a. The proposed development is consistent with the future land use designation for the specific property;
 - b. The proposed development includes a plan that demonstrates that the capital facilities needed as a result of the proposed development can be reasonably provided; and
 - c. The landowner contributes a proportionate share of the cost of providing the school facilities necessary to serve the proposed development.
- Objective 1.3 The City shall continue to require future development to pay for its capital improvements that are required to maintain adopted LOS standards.
- Policy 1.3.1 Development shall pay the full cost of stormwater management facilities required by it to maintain the stormwater LOS standards set in the Comprehensive Plan.
- Policy 1.3.2 The City shall continue the adopted Land Development Regulations that establish stormwater quantity and quality standards for the development of existing sites with substandard on-site stormwater facilities. Such development shall pay the proportional cost of meeting those standards that it requires.
- Policy 1.3.3 The City shall continue its policy of having all new water and wastewater service connections pay the fully allocated cost of the treatment facilities required to serve them in the form of plant connection fees, and the cost of distribution or collection facilities unless the service is on a developer installed system.
- Policy 1.3.4 The City shall continue its policy of having development contribute the water and wastewater distribution and collection system internal to a development. Contributions in aid of construction must be paid if the City does not project an adequate return on investment for water distribution or wastewater collection system extensions.
- Policy 1.3.5 The City shall continue its policy of having development provide all road improvements within subdivisions as per the City's subdivision regulations.



Objective 1.4 The facilities necessary to maintain the adopted LOS standards required to serve vested developments shall be available when the impacts of development occur, consistent with Objective 1.2 and its policies.

- Policy 1.4.1 Vested developments shall be defined as developments that have been issued final development orders that have not expired under the regulations of the City's Code of Ordinances, were issued prior to adoption of the City of Gainesville 1991-2001 Comprehensive Plan, and such developments have commenced and are continuing in good faith.
- Policy 1.4.2 The City shall continue its tracking of the number of developments with vested development rights that must be served by public facilities at adopted LOS standards through the Concurrency Management System.
- Policy 1.4.3 Vested developments must provide or pay for the capital improvements that they were required to provide under the development regulations that existed when they were permitted.
- Objective 1.5 The City shall continue to schedule General Government Capital Improvements necessary to meet and maintain the LOS standards adopted in this Plan. The schedule shall give priority to correcting existing deficiencies and replacement of worn-out or obsolete facilities prior to the extension of new facilities.
- Policy 1.5.1 The capital improvement must be within the financial capability of the City (either through debt capacity or ability to fund the improvement outright). The operating costs associated with it shall be identified and shall not exceed the City's ability to annually fund those costs.
- Policy 1.5.2 The City shall consider the plans of state agencies and water management districts in evaluating capital improvements projects.
- Policy 1.5.3 First priority shall be given to correcting existing facility deficiencies in adopted LOS standards, elimination of public hazards and meeting regulatory requirements or Federal and/or State mandates. First priority shall also be given to capital improvements that are fully funded by development and that will not cause operating cost deficits for the City.
- Policy 1.5.4 Second priority shall be given to replacement of obsolete or worn-out facilities that are projected to cause facility deficiencies in LOS prior to expanding other facilities.
- Policy 1.5.5 Third priority shall be given to adding or expanding facilities to serve vested developments.

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- Policy 1.5.6 Fourth priority shall be given to adding or expanding facilities to serve development needs in designated redevelopment areas that increase the use of existing facilities and promote infill development.
- Policy 1.5.7 Fifth priority shall be given to adding or expanding facilities for new development in currently unserved areas. Expansions of facilities to unserved areas shall be based on projected growth patterns found in the Future Land Use Element.
- Objective 1.6 The City, through GRU, shall continue to schedule and fund water/wastewater capital improvements necessary to meet the standards adopted in this Plan. The schedule shall give priority to correcting existing deficiencies and replacing worn out or obsolete facilities prior to the extension of new facilities.
- Policy 1.6.1 The capital improvement must be within the financial capability of GRU (either through debt capacity or ability to fund the improvement outright) and the operating costs associated with it shall be identified and shall not exceed GRU's ability to annually fund those costs.
- Policy 1.6.2 GRU shall consider the plans of state agencies and water management districts in evaluating capital improvements projects.
- Policy 1.6.3 First priority shall be given to projects that correct existing facility deficiencies in adopted LOS standards, eliminate or mitigate public hazards, meet regulatory requirements or Federal and/or State mandates, or promote the reuse and conservation of resources.
- Policy 1.6.4 Second priority shall be given to projects to correct projected deficiencies in adopted LOS standards or projects to accommodate new development and redevelopment needs.
- Objective 1.7 The City General Government shall use the following policies to manage debt in such a way that General Government revenues available to fund on-going operating expenditures are maximized.
- Policy 1.7.1 Debt pledged as a general obligation of the City shall not exceed 3% of the non-exempt property valuation within the corporate boundaries.
- Policy 1.7.2 Revenue bond debt can be as high as 100% of total debt.
- Policy 1.7.3 The maximum ratio of total debt service to total revenue shall not exceed 10%.
- Objective 1.8 GRU shall continue to use the following policy to manage debt.



Policy 1.8.1

In order to issue additional bonds, GRU shall establish and collect rates, fees and other charges for the use or the sale of the output, capacity or services of the Water/Wastewater Systems sufficient so that the revenues of the Systems are expected to yield net revenues that shall be at least equal to 1.4 times the annual debt service on outstanding revenue bonds for each 12-month period within any prospective 60-month period.

Objective 1.9

The City shall continue to use the Stormwater Management Utility funds allocated for capital improvements to pay for the Stormwater Projects needed to maintain LOS standards. These projects shall be shown in the 5-Year Schedule of Capital Improvements.

Policy 1.9.1 The City shall provide at least \$200,000 annually for Stormwater Projects.



TABLE 14: 5-Year Schedule of Capital Improvements (FY 16/17 - 20/21) (in \$1,000s)

| No. | Project Description | Projected Total Cost | Cost to the City | FY ^{1,2} Schedule | General Location | Revenue Sources | Consistency with Other Elements |
|-----|--|----------------------------------|----------------------------------|---|---|--|---------------------------------------|
| | Transit ³ | | | | | | |
| 1. | Existing vehicle replacement | 2,756 3,274 1,905 8,241 | 2,347 2,787 1,622 7,017 | 2016/2017 2017/2018 2018/2019 2019/2020 | Gaines- ville urban area | Florida Department of Transportation (FDOT), Federal Transit Administration (FTA), City of Gainesville Transportation Mobility Program (TMP), Alachua County, UF, Santa Fe College | |
| 2. | Buses for service expansion (Routes 6 and, 15). Add approx. one bus per year. | 1,000 | 1,000 | 2018/2019 | Citywide | FDOT, (FTA), TMP & other loca funds, UF, Santa Fe College | Yes |
| 3. | Transit Route 35 | 440 440 440 440 440 | 440 440 440 440 440 | 2016-2017 2017/2018 2018/2019 2019/2020 2020/2021 | See Map 6 | Local Option Fuel Tax (5 cents) | Yes |
| 4. | Support Vehicles | 0 0 45 45 114 | 0 0 39 38 97 | 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 | Gaines- ville urban area | FDOT, FTA, City of Gainesville, Alachua County | Yes |
| 5. | Paratransit vans | 683 139 0 144 817 | 582 118 0 123 696 | 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 | Gaines- ville urban area | FDOT, FTA, and local funds | Yes |
| 6. | Bus stop amenity improvements (e.g., bicycle racks, benches, landing pads, and shelters) | 834 853 868 884 903 | 610 622 633 645 658 | 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 | Citywide for TMP funds; Gaines- ville urban area | FDOT, FTA, TMP & other local funds (City of Gainesville, Alachua County) | Yes |



| <u>No.</u> | Project Description | Projected Total Cost | Cost to the City | FY ^{1,2} Schedule | General Location | Revenue Sources | Consistency with Other Elements |
|------------|---|---------------------------------|---------------------------------|---|---------------------------------|---|---------------------------------------|
| 7. | Technology Improvements | 456 465 474 484 494 | 457 465 474 484 494 | 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 | Gaines- ville urban area | FTA, FDOT, City of Gainesville, Alachua County | Yes |
| | Potable Water | | | | | | |
| 8. | Water main Phase IV-B. V-A (from NW 43 rd ST to Magnolia Place, along NW 51st ST to NW 33 rd AVE), & V-B (from NW 43 rd ST to NW 23 rd Ave and NW 63 rd St) Pressure Improvement | 100 100 1,500 | 100 100 1,500 | 2016/2017 2019/2020 2020/2021 | See Map 6 | Utility bond proceeds | Yes |
| 9. | New Electrical Building and Plant Engine Generator at Murphree Water Treatment Plant | 4,500 3,000 | 4,500 3,000 | 2016/2017 2017/2018 | See Map 6 | Utility bond proceeds | Yes |
| 10. | Depot Avenue Water Line Reconstruction – Segment 4 | 300 | 300 | 2016/2017 | See Map 6 | Utility bond proceeds and HUD grant | Yes |
| | Water Supply | | | | | | |
| 11. | Well #11 R&R | 150 950 100 | 150 950 100 | 2018/2019 2019/2020 2020/2021 | See Map | Utility bond proceeds | Yes |
| | Recreation | | | | | | |
| 12. | Park Land Acquisition | 1,463 | 1,463 | 2017/2018 | Location to be determined | Wild Spaces/Public Places; Greenspace Acquisition Fund | Yes |
| 13. | Hogtown Creek Headwaters Park | 200 | 200 | 2017/2018 | See Map | 2015 CIRB Bond | Yes |
| 14. | Bivens Arm Marsh Restoration | 250 | 250 | 2018/2019 | See Map | Capital Improvements Revenue Bond (CIRB) 2015 Bond | Yes |



| . | D 1 1 D 1 1 | Projected | Cost to | FY ^{1,2} | General | Revenue | Consistency with Other |
|----------|---|------------------|-----------------|------------------------|-----------|---|---------------------------|
| No. 15. | Project Description Fred Cone Park Splashpad | Total Cost | the City 105 | Schedule 2017/2018 | Location | Capital Improvements Revenue Bond (CIRB) 2015 Bond | Yes |
| | Stormwater | | | | | | |
| 16. | Little Hatchet & Lake Forest Creek Watershed Management Plan | 300 | 300 | 2016/2017 | See Map | Stormwater Utility | Yes |
| 17. | Pipe Replacement (SW 2 Ave/SW 10 St/SW 5 Ave) | 568 | 568 | 2016/2017 | See Map | SMU (Stormwater Utility) | Yes |
| 18. | Tumblin Creek Regional Wetland and Trash Trap | 2,189 | 1,605 | 2016/2017 | See Map | SMU, FDOT,FDEP | Yes |
| 19. | Pipe Replacement (SW 6 th St – West University Ave. to SW 2 nd Ave.) | 350 | 350 | 2016/2017 | See Map | SMU | Yes |
| 20. | LIDAR Project | 115 | 50 | 2017/2018 | Citywide | SMU | Yes |
| | Transportation Mobility | | | | | | |
| 21. | Traffic Management System | 1,091 | 0 | 2016/2017 | Citywide | 2005 CIRB; TRIP; Alachua County; UF; TMP | Yes |
| 22. | Depot Avenue Reconstruction with sidewalks & bike lanes (from SW 13 th St. to Williston Rd.) | 1,470 1,470 | 1,470 1,470 | 2016/2017 2017/2018 | See Map 6 | Local Option Fuel Tax (5 cents); 2007 City bond; & LAP; County Incentive Grant Program (CIGP); 2015 City bond | Yes |



| <u>No.</u> | Project Description | Projected Total Cost | Cost to the City | FY1,2 Schedule | General Location | Revenue Sources | Consistency with Other Elements |
|------------|--|----------------------|---------------------|-------------------------------------|----------------------|---|---------------------------------------|
| 23. | SE 4 th Street Reconstruction with sidewalks & bike lanes (from Depot Ave. to Williston Rd.) | 850 4,800 | 850 4,800 | 2016/2017 2017/2018 | See Map 6 | Local Option Fuel Tax (5 cents) | Yes |
| 24. | Hull Road Extension; partially constructed by Canopy and Grove developments | 4,800 | 4,800 | 2019/2020 | TMPA Zone M | TMPA or developer contributions | Yes |
| 25. | SW 62 nd Blvd. Extension (from Newberry Rd. to Archer Rd.) | 72.1 | 72.1 | 2020/2021 | TMPA Zones B&M | TMPA; federal funds;FDOT | Yes |
| 26. | SW 40 th Blvd. Extension Construction (from Archer Rd. to SW 34 th St.) | 500 2,180 | 500 500 | 2016/2017 2017/2018 | See Map 6 | TMPA; Local Option Fuel Tax (5 cents); CIGP grant allocation by FDOT (FDOT tentative work program FY15-FY19) | Yes |
| 27. | SW 6 th St. Reconstruction with sidewalks & bike lanes (from Univ. Ave. to SW 4 th Ave.) | 100 1,600 | 100 1,400 | 2016/2017 2017/2018 | See Map 6 | Local Option Fuel Tax (5 cents), Stormwater Management Utility, Campus Development Agreement | Yes |
| 28. | NW 16 th Street (new street) from US 441 to NW 65th Place | 2,900 | 2,900 | 2020/2021 | See Map | TMP and other local funds | Yes |
| 29. | Archer Rd./SW 16 th Ave. from US 441 to junction at Archer Rd. (capacity enhancement of SW 16 th Ave.) | 4,200 | 0 | 2017/2018 | See Map | Campus Development Agreement funds | Yes |
| 30. | Sidewalk construction | 100 100 100 | 100 100 100 | 2016/2017 2017/2018 2018/2019 | Citywide | City General Fund; TMP | Yes |
| 31. | SR226/SE 16 th Avenue intersection modifications at S Main Street and at Williston Road | 448.8 51.3 | 0 | 2016/2017 2017/2018 | See Map | FDOT ² | Yes |



| No. | Project Description | Projected Total Cost | Cost to the City | FY1,2 Schedule | General Location | Revenue Sources | Consistency with Other Elements |
|-----|--|---|---|---|-------------------------------|--|---------------------------------------|
| 32. | Norton Trail extension (NW 45 th Avenue to NW 39 th Avenue) | 1.5 377.3 | 0 0 | 2016/2017 2017/2018 | See Map 6 | TMP; FDOT (included in FDOT tentative work program FY 2015 – FY 2019) | Yes |
| 33. | Bike Share Stations | 28 28 | 28 28 | 2016/2017 2017/2018 | Gainesvil le urban area | TMP & other local funds | Yes |
| 34. | SW 27 th ST/SW 40 th Place/SW 25 th Terrace multiuse trail (Williston Road to SW 35 th Place) | 105 412 | 0 | 2016/2017 2018/2019 | | FDOT | |
| 35. | NW 19 TH Lane multiuse trail (NW 16 th Terrace to NW 13 th Street) | 86 417 | 0 | 2016/2017 2019/2020 | | FDOT | |
| 36. | Two-lane roadway parallel to Archer Road and west of I-75, consistent with the Alachua County Comprehensive Plan | 2,500 | 0 | 2020-2021 | See Map 6 | Developer | Yes |
| | Wastewater | | | | | | |
| 37. | Paynes Prairie Sheetflow Restoration (GRU portion) | 125 80 80 80 40 | 125 80 80 80 40 | 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 | See Map | Utility Bond Proceeds and grant funding | Yes |
| 38. | Main Street Water Reclamation Facility (MSWRF) East Treatment Train Rehabilitation | 1,075 3,900 3,150 1,600 1,000 | 1,075 3,900 3,150 1,600 1,000 | 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 | See Map | Utility Bond Proceeds | Yes |
| 39. | Depot Avenue Wastewater Collection Reconstruction – Segment 4 | 400 | 400 | 2016/2017 | See Map | Utility Bond Proceeds | Yes |
| | TOTAL | \$94,971 | \$80,660 | | | | |



¹Fiscal year for the City of Gainesville is October 1 through September 30 of the following year.

²Fiscal year for FDOT is July 1 through June 30 of the following year.

³Unless otherwise specified, local match for FDOT and FTA funds ranges from 20 - 50 percent. Cost to the City is estimated at 50 percent of Projected Total Cost and is a conservative estimate because it does not account for County or developer contributions.

Sources: GRU, 2017; Parks, Recreation and Cultural Affairs Department, 2017; Public Works Department, 2017; Regional Transit System (RTS), 2017.