

IV. REQUIREMENTS FOR CAPITAL IMPROVEMENTS GOALS, OBJECTIVES AND POLICIES

The goal of the Capital Improvements Element of the Dania Beach Comprehensive Plan is to ensure the timely and efficient provision of public facilities and to ensure that sound fiscal policies are adhered to in the provision of these facilities

Objective I

All land use decisions shall be coordinated with fiscal resources and will maintain adopted levels of service.

Policy 1.1 Requests for amendments to the Comprehensive Plan shall be based upon analysis of the infrastructure planned to support the affected area.

Objective II

The capital improvements element will be utilized as a vehicle for the construction of capital facilities to address the existing deficiencies, to accommodate future growth and to replace obsolete facilities.

Policy 2.1 Continue to evaluate local capital improvement projects. The criteria shall include as a priority those projects which must be implemented to maintain an adequate level of service for the elements of the Comprehensive Plan. The criteria will also address the following:

1. Elimination of any public hazards
2. Elimination of an existing capacity deficiency
3. Impact on local budget
4. Financial feasibility

Policy 2.2 The City shall manage its debt to limit instruments for funding in the following manner:

Revenue bonds shall be limited to 20% of total debt.

Policy 2.3 A program for the replacement of capital beaks shall include the following:

Review by Department Heads
Review by City Manager and Finance Director
Approved by City Commission

- Policy 2.4 Public facility deficiencies will be addressed consistent with the schedule in II (A)(3).
- Policy 2.5 Fiscal policies utilized to direct expenditures for capital improvements shall be consistent with the policies of other elements within the Comprehensive Plan
- Policy 2.6 Local capital improvements projects shall be prioritized by locational needs based upon projected growth patterns; a combination of new development/redevelopment facility demand; and plans of state agencies and Water management districts.
- ~~Policy 2.7 Local option fuel tax shall be used for transportation expenditures needed to meet the requirements of the capital improvements element.~~
- ~~Policy 2.8 Local option fuel tax shall be used for expenditures needed to meet immediate local transportation needs and for other transportation related expenditures that are critical to building a comprehensive roadway network.~~
- ~~Policy 2.9 Local option fuel tax can be used for the construction of new roads, the reconstruction or resurfacing of existing paved roads, or the paving of existing graded roads for purposes of increasing roadway capacity or improving traffic safety. Expenditures for purposes of this paragraph shall not include routine maintenance of roads.~~
- ~~Policy 2.10 Local option fuel tax can be used for the construction of new sidewalks or bike paths or the reconstruction or resurfacing of existing sidewalks or bike paths for purposes of improving pedestrian/bike accessibility or safety or for complying with the Americans with Disabilities Act ("ADA"). Expenditures for purposes of~~

~~this paragraph shall not include routine maintenance of sidewalks or bikepaths.~~

~~Policy 2.11 Local option fuel tax can be used to fund traffic-related improvements necessary to improve traffic and pedestrian safety. Traffic related improvements shall include but not be limited to, driveway relocation/modification, traffic control devices, intersection improvements, and traffic calming related improvements, improved lighting (replacement or modification lighting), median improvements (including landscaping and irrigation), and seawall improvements relating to road stabilization near waterways.~~

Objective III

Future development shall bear its proportional share of the cost of facility improvements which are necessary to the development. All new developments shall conform to the level of service standards outlined in the Comprehensive Plan.

Policy 3.1 Level of service standards outlined in this Comprehensive Plan shall be adhered to as follows:

A. Sanitary Sewer

1. Dwellings:
Each Single Family Unit = 1 ERC
2. Condominium:
3 bedroom 300 gpd 1 ERC
1 & 2 bedroom 250 gpd
0.71 ERC
3. Motel/Hotel:
150 gpd per room
200 gpd per pool
350 gpd per mgr. apt.
4. Mobile Home:
100 gpd per space
5. Office

- 0.2 gpd per square feet
6. Retail:
0.1 gpd per square foot
 7. Laundries:
400 gpd per machine
 8. Bar (no food service):
20 gpd per seat
 9. Restaurants:
24 hour - 50 gpd per seat (Including bar)
Less than 24 hours -30 gpd per (Including bar)
 10. Theaters:
5 gpd per seat
 11. Assembly Hall:
2 gpd per seat
 12. Park:
10 gpd per person
 13. Factories:
15 gpd per person per shift
 14. Institutions:
100 gpd per person
 15. Church:
7 gpd per seat
 16. Service Station:
Full Service Station
First Two Bays - 750 gpd
Each Additional Bay - 300 gpd
Per Fuel Pump - 100 gpd

Self Service Station
Per Fuel Pump 50 gpd
 17. Elementary School:

10 gpd per pupil
 5 gpd per shower per pupil
 5 gpd per cafeteria per pupil

18. High School:
 15 gpd per pupil
 5 gpd per shower per pupil
 5 gpd per cafeteria per pupil
19. Hospital and Nursing Home:
 200 gpd per bed
 100 gpd per staff
20. Warehouse:
 0.1 gpd per square foot

B. Solid Waste

1. Residential
 8.9 lbs/unit/day
2. Industrial/Commercial

Factory/Warehouse	2 lbs/100 sf/day
Office	1 lb/100 sf/day
Department Store	4 lbs/100 sf/day
Supermarket	9 lbs/100 sf/day
Restaurant	2 lbs/meal/day
Drug Store	5 lbs/100 sf/day
3. Schools

Grade School	10 lbs/room & ¼ lb/pupil/day
High School	8 lbs/ room & ¼ lb/pupil/day
4. Institution

Hospital	8 lbs/bed/day
Nursing Home	3 lbs/bed/day
Home for Aged	3 lbs/person/day
Rest Homes	3 lbs/person/day

C. Drainage

1. Road Protection

Residential and primary streets crown elevation meet the minimum elevations as published on the Broward County 10 year Flood Criteria Map.

2. Buildings
The lowest floor elevation shall not be lower than the elevation published on the Broward County 100 year flood elevation map plus 1 foot for residential and for commercial/ industrial. For marina facilities shall not be lower than 100 year flood elevation plus 1 inch.
3. Storm Sewers
Shall be designed using the Florida Department of Transportation Zone 10 rainfall curves.
4. Flood Plain Routing
Modified SCS routing method as established by the SFWMD "Basis of Review".
5. Best Management Practice
Efforts shall be utilized to use best management practice to reduce pollutants entering the groundwater.

D. Potable Water

1. Dwellings:
Each Single Family Unit = 1 ERC
2. Condominium:
3 bedroom 300 gpd 1 ERC
1&2 bedroom 250 gpd 0.71 ERC
3. Motel/Hotel:
150 gpd per room/200 gpd per pool
350 gpd per mgr. apt.
4. Mobile Home:
100 gpd per space

5. Office
0.2 gpd per square feet
6. Retail:
0.1 gpd per square foot
7. Laundries:
400 gpd per machine
8. Bar (no food service):
20 gpd per seat
9. Restaurants:
24 hour - 50 gpd per seat (Including bar)
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 15 gpd per pupil
 5 gpd per shower per pupil
 5 gpd per cafeteria per pupil
- 19. Hospital and Nursing Home:
 200 gpd per bed
 100 gpd per staff
- 20. Warehouse:
 0.1 gpd per square foot

E. Transportation

The City of Dania Beach shall adopt the following LOS standards for roadways on the SIS, including connectors, and roadway facilities funded in accordance with Section 339.2819 F.S., the Transportation Regional Incentive Program (TRIP), shall be set forth in Rule 14-94, FAC, summarized below. These standards shall apply for the purpose of issuing development orders and permits.

1. SIS Facilities

DANIA BEACH SIS FACILITIES			
	Roadway	Roadway Segment	LOS Standard*
SIS CORRIDORS	I-95	Miami-Dade County Line to Palm Beach County Line	E
	I-595	I-75 to US1	D
SIS CONNECTORS	Port Everglades	I-595 east straight into entrance (Eller Drive)	
	Ft. Lauderdale-Hollywood International Airport	I-95 to Griffin Road to Ravenswood Road to Gulfstream Way to	D

DANIA BEACH SIS FACILITIES			
	Roadway	Roadway Segment	LOS Standard*
	Tri-Rail Station	entrance.	
TRIP-FUNDED FACILITIES**	None	None	D
* The level of service letter designations are defined in FDOT's 2002 Quality/Level of Service Handbook unless an alternate (as refined through identified mobility strategies) standard is agreed to in writing by FDOT.			
** Broward County should coordinate with FDOT on the setting of the level of service standard for facilities that receive TRIP funding. The presumption is that LOS D will apply as soon as the improvement is programmed for implementation; however, an alternate standard may be adopted in TCMAs if agreed to in writing by FDOT.			

- a. When LOS standards are developed for SIS connectors, the City will evaluate adoption of the standards.
 - b. To assist in maintaining SIS levels of service standards in the future, the City shall also consider strategies such as improvements to or the creation of parallel facilities, encouraging use of alternate modes of travel, and supporting travel demand management techniques.
2. Non-SIS/FIHS Roadways and Roadways Functionally Classified as Collector Roads or Higher: "D".
 3. Concurrency Districts

The County is divided into Concurrency Districts. Each District shall be one of the following:

- a. A Transportation Concurrency Management Area (TCMA) shall be a compact geographic area with an existing network of roads where multiple, viable alternative travel paths or modes are available for common trips. An area-wide level of service standard shall be established for this District, for the purpose of issuing development orders and permits, based on how mobility will be accomplished within the Area.

The City incorporates the Transportation Concurrency Management Areas (TCMAs) as per the Broward County Transportation Element. Development and redevelopment within TCMAs (includes the entire City of Dania Beach) shall comply with the concurrency regulations as defined in Policies 1.20 and 1.21 of the Transportation Element and the City's Zoning and Land Development Regulations.

The City of Dania Beach lies within the following Transportation Concurrency Management Area (TCMA) Concurrency Districts. Within Transportation Concurrency Management Areas, the transportation LOS standards, for the purpose of issuing development orders and permits, are to achieve and maintain the following by FY 2013:

- i. Southeast District (includes area larger than Dania Beach) – Achieve/maintain headways of 30 minutes or less on 80% of routes. Establish and maintain service at least one neighborhood transit center. Increase peak-hour weekday fixed-route ridership by 24 percent from FY2009-FY2013.
- ii. Central District (includes area larger than Dania Beach) – Maintain headways of 30 minutes or less on 80% of routes. Establish and maintain service at one or more neighborhood transit centers. Reduce traffic signal communication failures by 50% by FY 2013. Increase hour weekday fixed-route transit ridership by 19% from FY 2009 to FY 2013. Maintain the current number of community bus routes (24) through 2013.

- iii. Port/Airport District (includes area larger than Dania Beach) – Increase peak-hour weekday fixed-route transit ridership by 20% from FY 2009 - FY 2013. Continue to pursue the ongoing Project Development and Environment study to define alternatives that facilitate direct movement of people and goods between Port Everglades and Fort Lauderdale International Airport. This study also includes an intermodal center to facilitate this connectivity along with connections to local and regional transit services including county transit routes, Tri-rail and potential passenger transit services on the Florida East Coast rail corridor. Implementation of these improvements would serve to ensure efficient operations within the port and airport while addressing traffic congestion on Strategic Intermodal System facilities and other roadways. The results of this study will be incorporated into the Master Plans for the Port and Airport by FY 2013. Funding for this project has not yet been identified. Also continue to pursue, as a potential condition of proposed amendments to the Northport DRI, a by-pass roadway for Port Everglades, that would provide a connection between U.S.1 and S.E.17th Street. Notwithstanding the above, County had no affirmative obligation to find or construct this by-pass roadway.
- iv. Overall - Increase number of bus stop shelters by 25 percent from FY2009 to FY2013. Traffic volumes on arterial roadways in each District shall remain less than the maximum service volumes as displayed below. These volumes do not apply to Strategic Intermodal System (SIS) and Transportation Regional Incentive Program-funded roadway facilities and can not be used in a

manner that would result in interference with mainline operations on SIS roadway corridors.

Peak Hour Two Way Maximum Service Volumes	
Two-lane arterials	2555
Four-lane arterials	5442
Six-lane arterials	8190
Eight-lane arterials	10605

The Maximum Service Volumes are calculated from "Generalized Peak Hour Two-Way Volumes for Florida's Urbanized Areas", published by the Florida Department of Transportation, as 75% above the volumes for Class IV State Two-Way Arterials, for Level of Service E, for the Eastern Core District; and as 75% above the volumes for Class II State Two-Way Arterials, for Level of Service D, for all other Districts.

Based on recommendations by the MPO, the Broward County Commission shall adopt a five-year County Transit Program (CTP) that is projected to achieve the level of service standards for each District listed in Policies 1.20 and 1.21 of the City's Transportation Element. The County Commission shall ensure that the CTP is a financially feasible plan. The CTP shall be updated annually. Any change in the level of service standards requires an amendment to the Transportation Element of the Broward County and City Comprehensive Plans.

- b. A Standard Concurrency District shall be an area where roadway improvements are anticipated to be the dominant form of transportation enhancement. A roadway level of service standard shall be

established for each such District, based on the peak-hour standard volumes contained in the Florida Department of Transportation Level of Service Manual

There are no Standard Concurrency Districts lying within the City of Dania Beach.

F. Schools

The level of service standard is based upon the capacity of the school facility, which is the number of pupils to be served by the facility. The level of service is expressed as the percentage (ratio) of student enrollment to the student capacity of the school. The level of service is standard and is expressed in terms of Florida Inventory of School Houses (FISH) capacity as follows:-

The level of service standard is uniformly set at shall be 1010 percent of gross capacity (with relocatable classrooms) for each school type (elementary, middle, high and special purpose schools) concurrency service areas (CSA) throughout Broward County's School District until the end of the 2018/19 school year; and commencing at the 2019/20 school year, the level of service for each CSA shall be 110% of permanent Florida Inventory of School Houses (FISH) capacity for each public elementary, middle and high school..

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G. Parks and Recreation

The level of service standard for parks and recreation and is 3 acres / 1,000 population

Policy 3.2 Public facilities shall be available to support development concurrent with the impacts of said development. No development permits shall be issued for new development or new redevelopment unless adequate public facilities consistent with the

level of service standards outlined in the comprehensive Plan are in place.

Policy 3.3 New developments will be assessed a pro rata share of the costs associated with new public facility needs to support the new growth.

Objective IV

Public expenditures in the coastal high hazard areas will be limited to maintenance and repair.

Policy 4.1 Expenditures for infrastructure shall be made only to maintain and repair existing infrastructure.

Objective V

Public facility construction provided for in Plan Elements shall be monitored through the land development review process to ensure that the City is not required to construct improvements beyond its financial capacity.

Policy 5.1 Revise land development regulations to ensure that objectives of the Comprehensive Plan are accomplished.

Objective VI

The City of Dania Beach, in collaboration with the School Board and Broward County, shall ensure that public school facilities are available for current and future students consistent with available financial resources and the adopted Level of Service (LOS) standard.

Policy 6.1

Consistent with policies and procedures within the Interlocal Agreement, the District Educational Facilities Plan (DEFP) shall contain a 5 year financially feasible schedule of capital improvements to address existing deficiencies and achieve and maintain the adopted LOS standard in all Concurrency Service Areas. This financially feasible schedule shall be updated on an annual basis and annually adopted into the Capital Improvement Element (CIE).

Policy 6.2

The uniform, district-wide LOS shall be 100 percent of gross capacity (with relocatable classrooms) for each concurrency service

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areas (CSA) until the end of the 2018/19 school year; and commencing at the 2019/20 school year, the level of service for each CSA shall be 110% of permanent Florida Inventory of School Houses (FISH) capacity for each public elementary, middle and high school.

~~110% of the permanent FISH capacity for each public elementary, middle and high school.~~

Policy 6.3

The adopted LOS shall be applied consistently by the City of Dania Beach, Broward County and the School Board, district-wide to all schools of the same type.

Policy 6.4

The School Board's DEFP FY ~~09/10-13/14~~10/11-14/15, as adopted and amended by the School Board on ~~August 25, 2009~~September 7, 2010, is adopted by reference into the CIE.

Objective VII
Explore additional fresh raw water supplies

Policy 7.1 Investigate additional well locations in the City's current wellfield. This will require drilling of test wells, additional monitoring wells (completed 2007) and modeling of proposed locations to determine if additional raw water is available in Dania Beach.

Policy 7.2 Participate with the County of efforts to recharge the County wellfield on a utilization basis. This may include additional wells, storm water recharge or reuse recharge.