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Transportation Element

1 **TRANSPORTATION ELEMENT**

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3 **GOAL 1:** To achieve and maintain a coordinated, balanced traffic circulation system  
4 within Hendry County for the convenient, safe, effective and efficient  
5 movement of people and goods.  
6

7 **OBJECTIVE 1.1:**

8  
9 Maintain acceptable levels of service for County roads within Hendry County in order to  
10 continue to provide a safe, convenient, effective and efficient traffic circulation system.  
11

12 **Policy 1.1.1:** In order to maintain acceptable levels of service for roads in Hendry County,  
13 the County shall plan for road improvements in accordance with Hendry  
14 County Traffic Circulation Map and the Hendry County Long Range  
15 Transportation Needs Plan Alternate 1 the Hendry County Long Range  
16 Transportation Needs Plan Alternate 2.  
17

18 **Policy 1.1.2:** The Hendry County Long Range Transportation Needs Plan Alternate 1  
19 would address the need for east-west road capacity by constructing a US 27  
20 By-Pass that would be aligned south of the City of Clewiston. The Hendry  
21 County Long Range Transportation Needs Plan Alternate 2 would address  
22 the need for east-west road capacity for US 27 near the City of Clewiston by  
23 widening US 27 to 6 lanes from SR 80 to CR270. The costs and feasibility  
24 of these alternatives will be assessed by the County and the improvements  
25 will be planned in coordination with FDOT and the City of Clewiston.

26 **Policy 1.1.3:** Proposed road projects designed to meet LOS Standards shall be prioritized  
27 in accordance with the following guidelines:  
28

- 29 a) Project needed to protect public safety and health;
- 30 b) Project needed to meet existing deficiency, especially in areas with high  
31 accident frequency;
- 32 c) Project is a rational extension of existing roads;
- 33 d) Project promotes infill development in existing development areas;
- 34 e) Creates a network or the potential for a network system for  
35 transportation in the County; and
- 36 f) Provides the opportunity for a new development and economic growth  
37 to the county.  
38

39 **Policy 1.1.4:** Needed roadway improvement projects designed to increase traffic capacity  
40 shall be consistent with the Priority Needs Plan developed as part of the  
41 Hendry County Long Range Transportation Plan and be included in the  
42 Capital Improvements Element and annual budget to ensure timely  
43 construction.  
44  
45

46 **OBJECTIVE 1.2:**  
47

48 The County shall continue to monitor and analyze traffic on County roads in the unincorporated  
49 area of Hendry County.  
50

51 **Policy 1.2.1:** The County shall maintain and annually update an inventory on the speed  
52 limits established for County roads.  
53

54 **Policy 1.2.2:** The County shall annually update traffic counts on County roads to  
55 determine annual average daily traffic on all segments of County roads.  
56

57 **Policy 1.2.3:** The County shall maintain and annually update a summary of accidents on  
58 County roads by accident type and location.  
59

60 **Policy 1.2.4:** The County shall continue to annually update the current capacities of all  
61 County road segments.  
62

63 **Policy 1.2.5:** A TIS shall be submitted for all proposed subdivisions, Rezoning  
64 applications, Comprehensive Plan Amendments, Site Development Plans,  
65 and Special Exceptions that conform to the methodology specified by the  
66 Hendry County Engineer. This requirement shall not apply to agricultural  
67 developments, or to projects that, in the determination of the County  
68 Engineer, will not have an impact to County Roads or State Roads.  
69

70 **Policy 1.2.6:** All proposed development, rezone applications, Site Development Plans,  
71 and Comprehensive Plan Amendments shall submit a TIS that estimates the  
72 project's trip generation on a daily and peak hour basis. TIS will show  
73 roadway impacts based on the trip distribution from the traffic methodology  
74 as approved by the County Engineer.  
75

76 **OBJECTIVE 1.3:**  
77

78 Maintain a countywide Future Traffic Circulation Map in accordance with the Project Priority  
79 Needs Plan and review annually for possible update requirements, coordinating the traffic  
80 circulation system with the Future Land Use Map.  
81

82 **Policy 1.3.1:** **Reserved.**  
83

84 **Policy 1.3.2:** New roads and capacity-increasing improvements to existing roadways shall  
85 be in compliance with the Future Traffic Circulation Map and coordinated  
86 with the Future Land Use Map and the LRTP Priority Needs Plan.  
87

88 **Policy 1.3.3:** Revisions of the roads on the Future Traffic Circulation Map shall be  
89 coordinated with and connect or directly serve existing development areas  
90 or projected growth areas shown on the Future Land Use Map.  
91

92 **OBJECTIVE 1.4:**  
93

94 The County shall coordinate traffic circulation planning and projects with the FDOT 5-year  
95 Transportation Plan and the transportation planning of other entities and programs.  
96

97 **Policy 1.4.1:** The County shall meet with officials of the Florida Department of  
98 Transportation, the City of LaBelle, and the Southwest Florida Regional  
99 Planning Council to determine the necessity for and form of a Special  
100 Transportation Area for parts of the City of LaBelle and adjacent  
101 unincorporated areas on SR 29 and SR 80.  
102

103 **Policy 1.4.2:** The County shall coordinate the planning process for system-wide facility  
104 needs with the Florida Department of Transportation, the City of LaBelle,  
105 the City of Clewiston, and the Southwest Florida Regional Planning  
106 Council.  
107

108 **Policy 1.4.3:** The County shall annually exchange copies of any adopted transportation  
109 improvement programs and budget with the Cities of Clewiston and LaBelle  
110 and adjacent counties.  
111

112 **Policy 1.4.4:** The County shall meet annually with the City officials in Clewiston and  
113 LaBelle to coordinate traffic planning and road projects for the coming year.  
114

115 **Policy 1.4.5:** Each year the County shall meet with representatives of the agricultural  
116 community to discuss and prioritize specific transportation and traffic  
117 circulation needs relative to future growth in agricultural development in  
118 Hendry County.  
119

120 **Policy 1.4.6:** The County shall review any future development proposals and traffic  
121 improvement projects for consistency with the FDOT 5-Year Transportation  
122 Plan.  
123

124 **OBJECTIVE 1.5:**  
125

126 Provide for protection of existing and future rights-of-way from building encroachment.  
127

128 **Policy 1.5.1:** Fully respecting private property rights, the County shall provide for  
129 adequate building and other structural setbacks with the Land Development  
130 Code so that land uses along the highways after expansion will be  
131 compatible with right-of-way boundaries.  
132

133 **Policy 1.5.2:** The County shall continue to coordinate with the Florida Department of  
134 Transportation to determine the right-of-way necessary for the  
135 improvements included on FDOT's funded construction plans or projects.  
136

137 **Policy 1.5.3:** The County shall maintain an inventory of the County road rights-of-way to

138 support future traffic planning studies.

139

140 **Policy 1.5.4:** The County shall develop criteria and policies for preservation of existing  
141 rights-of-way and acquisition of future rights-of-way in accordance with the  
142 Priority Needs Plan as identified in the LRTP.

143

144 **OBJECTIVE 1.6:**

145

146 Establish development regulations for protection of existing roadways from future congestion  
147 and hazards from future development on County and State roads.

148

149 **Policy 1.6.1:** The Land Development Regulations shall include Access Management  
150 criteria and provisions controlling the number and spacing of access points  
151 (entrances and exits, driveways and other roads) onto principal and minor  
152 arterials, rural major and minor collectors, and local roads by such means of  
153 required separation, frontage roads, shared access, and similar features.  
154 These regulations shall be in accordance to FDOT standard practices  
155 defined in Rule 14-96 and 14-97.

156

157 **OBJECTIVE 1.7:**

158

159 The County shall provide for efficient, safe, and convenient on-site and nearby traffic flow for  
160 proposed developments.

161

162 **Policy 1.7.1:** The County shall enforce off-street (on-site) vehicle parking requirements  
163 through the Land Development Code to ensure that needed parking for  
164 proposed new and expanded commercial, industrial, and multiple family  
165 residential developments are contained on-site through adequate numbers of  
166 usable parking spaces.

167

168 **Policy 1.7.2:** The Land Development Code shall include provisions requiring bicycle  
169 parking to be provided on-site for proposed new and expanded commercial  
170 and multiple family residential developments.

171

172 **OBJECTIVE 1.8:**

173

174 The County shall provide for bicycle and pedestrian ways in proposed traffic projects, in  
175 accordance with adopted comprehensive pathway plan.

176

177 **Policy 1.8.1:** Proposed new roads or improved roads classified as rural minor collectors or  
178 local roads shall be designed to accommodate bicycle and pedestrian  
179 circulation separate from motorized vehicle traffic if such road is located  
180 within one-half mile of a boundary line of the City of Clewiston or the City  
181 of LaBelle, and if in the opinion of the County Engineer, bicycle and  
182 pedestrian traffic can be provided so that the safety of the bicyclist and  
183 pedestrian can be reasonably assured.

184 **Policy 1.8.2:** Bicycle paths and pedestrian sidewalks or trails shall be required for major  
185 arterials, minor arterials, and rural major collectors. They shall be designed  
186 in accordance to FDOT Design Standards.  
187

188 **OBJECTIVE 1.9:**  
189

190 The County shall coordinate with the Florida Dept. of transportation regarding the future  
191 widening of SR 82.  
192

193 **Policy 1.9.1:** By July 2008, the County shall update its Long Range Transportation Plan  
194 showing SR 82 as a 6-lane arterial.  
195

196 **Policy 1.9.2:** Hendry County shall coordinate with the FDOT regarding the SR 82 Project  
197 Development and Environmental (PD&E) Study.  
198

199 **Policy 1.9.3:** The FDOT has initiated a Corridor Access management Plan (CAMP) for  
200 SR 82 with Class 2 access. The Class 2 access requires that parallel  
201 facilities be provided to SR 82, which would provide interconnection  
202 between adjoining parcels and limits the access connections to SR 82. The  
203 Hendry County Board of County Commissioners, on January 9, 2007,  
204 unanimously agreed to have an ordinance prepared which would require  
205 property owners, who develop property along SR 82, to construct parallel  
206 facilities in order to provide interconnectivity, limit access to SR 82, and to  
207 comply with the requirements of the CAMP.  
208

209 **OBJECTIVE 1.10:**  
210

211 The County shall pursue funding sources for transportation facilities from federal, state, and local  
212 sources.  
213

214 **Policy 1.10.1:** The County shall work with FDOT, the Cities of LaBelle and Clewiston,  
215 and other interested parties to secure available federal and state grants.  
216

217 **Policy 1.10.2:** The County shall promote public/private partnerships that benefit public  
218 interests to fund transportation system improvements.  
219

220 **Policy 1.10.3:** The County shall encourage interlocal agreements between the County and  
221 the Cities for shared maintenance responsibilities on selected roadways and  
222 to ensure connectivity within Hendry County and to surrounding counties.  
223

224 **Policy 1.10.4:** The County shall continue to work to assure access to major thoroughfares  
225 including, but not limited to, bridges and the Caloosahatchee River. This  
226 program shall include a provision to work cooperatively with agencies to  
227 establish, where feasible, panther and wildlife crossing plans.  
228  
229

230 **Policy 1.10.5:** The County shall conduct a review through its Engineering Department of  
231 the truck traffic on County roadways.  
232

233 **Policy 1.10.6:** The County shall continue to work with appropriate agencies to improve  
234 transportation safety through road design and address pedestrian and bicycle  
235 access and safety, sidewalks, traffic calming techniques, and public transit.  
236

237 **Policy 1.10.7:** Improve the functional area coverage of the bicycle and pedestrian facility  
238 network through inclusion of bikeways in road construction projects, and  
239 through greenways.  
240

241 **Policy 1.10.8:** Encourage improved access to development through the provision of bicycle  
242 facilities at appropriate locations.  
243

244 **Policy 1.10.9:** The County shall promote alternative modes of transportation to provide a  
245 safe, and efficient multimodal transportation network and shall encourage  
246 the use of alternative modes of transportation for commuting as well as  
247 recreational purposes. This coordinated interconnection of streets and travel  
248 modes will address resident and visitor travel demands and ensure adequate  
249 movement of people and goods as a means to attract and sustain economic  
250 development.  
251

252 **Policy 1.10.10:** The County shall consider additional funding mechanism to support needed  
253 transportation infrastructure and maintenance. The funding mechanisms  
254 may be implemented as a combination of those available to support the  
255 future need for transportation infrastructure and maintenance.  
256

257 **OBJECTIVE 1.11:**  
258  
259 The transportation planning process shall involve public participation, and continuing  
260 involvement of the public.  
261

262 **Policy 1.11.1:** The County shall provide the opportunity for citizens to voice their opinions  
263 and views in response to transportation issues.  
264

265 **OBJECTIVE 1.12:**  
266  
267 The County shall preserve existing railroad systems and promote safe railroad crossings.  
268

269 **Policy 1.12.1:** The County shall participate in studies sponsored by FDOT and in the  
270 neighboring counties that evaluate improvements to freight rail service in  
271 Hendry County.  
272

273 **Policy 1.12.2:** The County shall upgrade existing crossings to conform to current FDOT  
274 Design standards.  
275

276 **TRANSPORTATION SYSTEMS ELEMENT AVIATION SUB-ELEMENT**

277

278 **GOAL 2:** Protect the viability of the LaBelle and Airglades Airports as significant  
279 economic resources to the domestic and global community by encouraging  
280 compatible land uses, densities, best management practices, and reducing  
281 hazards that may endanger the lives and property of the public and aviation  
282 users.

283

284 **OBJECTIVE 2.1:**

285

286 Encourage the use of the LaBelle Airport and Airglades Airport and surrounding lands by  
287 providing for aviation, aviation-related activities, industrial uses, and other land uses compatible  
288 with the airports.

289

290 **Policy 2.1.1:** Maintain a master plan for the LaBelle Airport and Airglades Airport  
291 properties which controls the uses allowed within the airport properties.  
292 The master plan shall be updated at least every five (5) years.

293

294 **Policy 2.1.2:** Any improvements on the airport property must be consistent with Hendry  
295 County’s Comprehensive Plan, Federal Aviation Administration Advisory  
296 Circular AC 150/5300-13A *Airport Design*, State of Florida airport  
297 licensing standards, and any other applicable state or federal agency  
298 regulations.

299

300 **Policy 2.1.3:** The County will encourage economic development opportunities and  
301 aviation related uses adjacent to the airports and promote the safe and  
302 efficient mobility of goods, services, and people at the LaBelle and  
303 Airglades Airports. Future additional warehousing, hangars, cargo handling  
304 facilities, as well as the development of a coordinated system of railways,  
305 aviation, ports, and roads to facilitate the safe movement of commerce,  
306 consistent with community and economic objectives may be incentivized.

307

308 **Policy 2.1.4:** Ensure that the *LaBelle and Airglades* Airports are protected from the  
309 establishment of airport hazards as defined in s. 333.01, F.S., and  
310 incompatible land uses with airport facilities and operations, as outlined in s.  
311 333.03(2) and (3), F.S.

312

313 **OBJECTIVE 2.2:**

314

315 The County will evaluate development proposals for property located within the vicinity of  
316 existing and proposed aviation facilities to ensure airport land use compatibility, to prevent  
317 establishment of airport hazards, and to protect existing and planned airport facilities from  
318 encroachment.

319 **Policy 2.2.1:** In order to protect the airports and related facilities from encroachment of  
320 incompatible land uses, development proposals (including but not limited to  
321 residential and non-residential uses within the vicinity of the existing



322 airports or proposed related facilities) must demonstrate land use  
323 compatibility with these uses during the rezoning process (or any land use  
324 application process) and propose mitigation measures for adverse impacts.

325  
326 **Policy 2.2.2:** The County shall discourage the siting of any uses or structures adjacent to  
327 airports that attract birds or wildlife, create emissions of light or create glare  
328 that can be hazardous to air navigation, discharge any particulate matter into  
329 the air that could alter atmospheric conditions, emit transmissions that  
330 would interfere with aviation communications and/or navigation equipment,  
331 or otherwise obstruct or conflict with air traffic patterns or result in potential  
332 hazards to air navigation. This extends to the development of retention or  
333 wetlands areas in close proximity to the airports.

334  
335 **Policy 2.2.3:** The County shall adopt, administer, and enforce airport zoning regulations  
336 that protect the airports from tall structure hazards, incompatible land uses,  
337 or vegetation (planted or natural) that exceeds federal obstruction standards,  
338 in accordance with s. 333.03, F.S. and Title 14 Code of Federal Regulations  
339 (C.F. R.) Part 77.

340  
341 **Policy 2.2.4:** Identify and develop innovative land use planning techniques and strategies  
342 to incentivize surrounding landowners to develop compatible uses with the  
343 LaBelle and Airglades Airports. These could include Transfer of  
344 Development Rights program, overlays, clustering, and other flexible  
345 planning strategies.

346  
347 **OBJECTIVE 2.3:**  
348  
349 Ensure that all existing and future airport needs can be met safely, in accordance with provisions  
350 of federal and state airport regulations, and with a minimum of land use conflict by coordinating  
351 aviation facility plans with appropriate federal, state, regional, and local agencies/governments.

352  
353 **Policy 2.3.1:** Construction and operation of existing and future aviation facilities should  
354 be conducted in close cooperation with the appropriate federal, state,  
355 regional and local agencies, and in conformance with other related elements  
356 of the Comprehensive Plan.

357  
358 **Policy 2.3.2:** Ensure that adverse structural and non-structural impacts of aviation  
359 facilities upon natural resources and wildlife are mitigated consistent with  
360 FAA policies and procedures, and in coordination with federal and state  
361 environmental agencies (if applicable).

362  
363 **Policy 2.3.3:** Through interlocal agreement, Hendry County will coordinate with the City  
364 of LaBelle to ensure that zoning regulations prevent the establishment of  
365 new incompatible land uses and airport hazards in areas adjacent to or in  
366 close proximity to the LaBelle Airport.

367

368 **OBJECTIVE 2.4:**  
369  
370 Coordinate the expansion of and changes to the existing aviation facilities with the County's  
371 Comprehensive Plan and the Airport Master Plan.  
372

373 **Policy 2.4.1:** The use of existing and proposed aviation facilities will be promoted by  
374 Hendry County consistent with the Future Land Use Element, Traffic  
375 Circulation Element, Conservation Element, and Economic Development  
376 Element.  
377

378 **Policy 2.4.2:** Facility and expansion costs necessary to implement the Airport Master  
379 Plans for the LaBelle and Airglades Airports shall be included in the  
380 County's Capital Improvement Plan as part of the Capital Improvements  
381 Element of the Comprehensive Plan.  
382

383 **Policy 2.4.3:** The County shall support airport improvement proposals that are consistent  
384 with the County's Comprehensive Plan and the Airport Master Plan.