

CITY OF ARCADIA TRAFFIC CIRCULATION ELEMENT

GOAL: PROVIDE A SAFE, EFFICIENT AND COST EFFECTIVE TRAFFIC CIRCULATION PROGRAM THAT IS CONSISTENT WITH THE NEEDS OF THE COMMUNITY AND COMPREHENSIVE PLAN.

Objective 1: *Arcadia shall cooperate and coordinate with DeSoto County and the Florida Department of Transportation (FDOT) to reduce the projected capacity impacts along State, County and City owned roadways. Arcadia shall also coordinate with relevant FDOT transportation plans and the Florida Department of Transportation's Five Year Work Program.*

Policy 1.1: Arcadia shall coordinate with DeSoto County and the Florida Department of Transportation to implement a roadway improvement program that minimizes truck and other traffic related noise and pollution and considers the need for on-site parking on S.R. 70 and U.S. 17.

Policy 1.2: Arcadia shall continue to implement regulations into its land development code that limit connections and access points along arterial roadways. Where possible, shared access shall be encouraged.

Policy 1.3: Arcadia shall annually review relevant transportation plans and the proposed Five-Year Work Program of the Florida Department of Transportation. Prior to adoption by the FDOT of its Five-Year Work Program, Arcadia shall notify the FDOT of any comments or objections the City may have regarding FDOT plans for road expenditures on state roads in, or impacting, Arcadia. Arcadia shall specifically coordinate with the Five-Year Work Program to ensure consistency between it and the City of Arcadia Comprehensive Plan.

Objective 2: *Arcadia shall provide for a safe, convenient and efficient motorized and non-motorized transportation system, including the establishment of level of service standards for peak season/peak hour traffic for all roads within its jurisdiction.*

Policy 2.1: Arcadia establishes the following peak season/peak hour level of service standards for roadways within its jurisdiction:

Principal Arterials (State Roads/non SIS)	"C"
Minor Arterials	"D"
Urban Collectors	"D"
Local Streets	"D"
Backlogged Facilities	"Maintain and Improve"

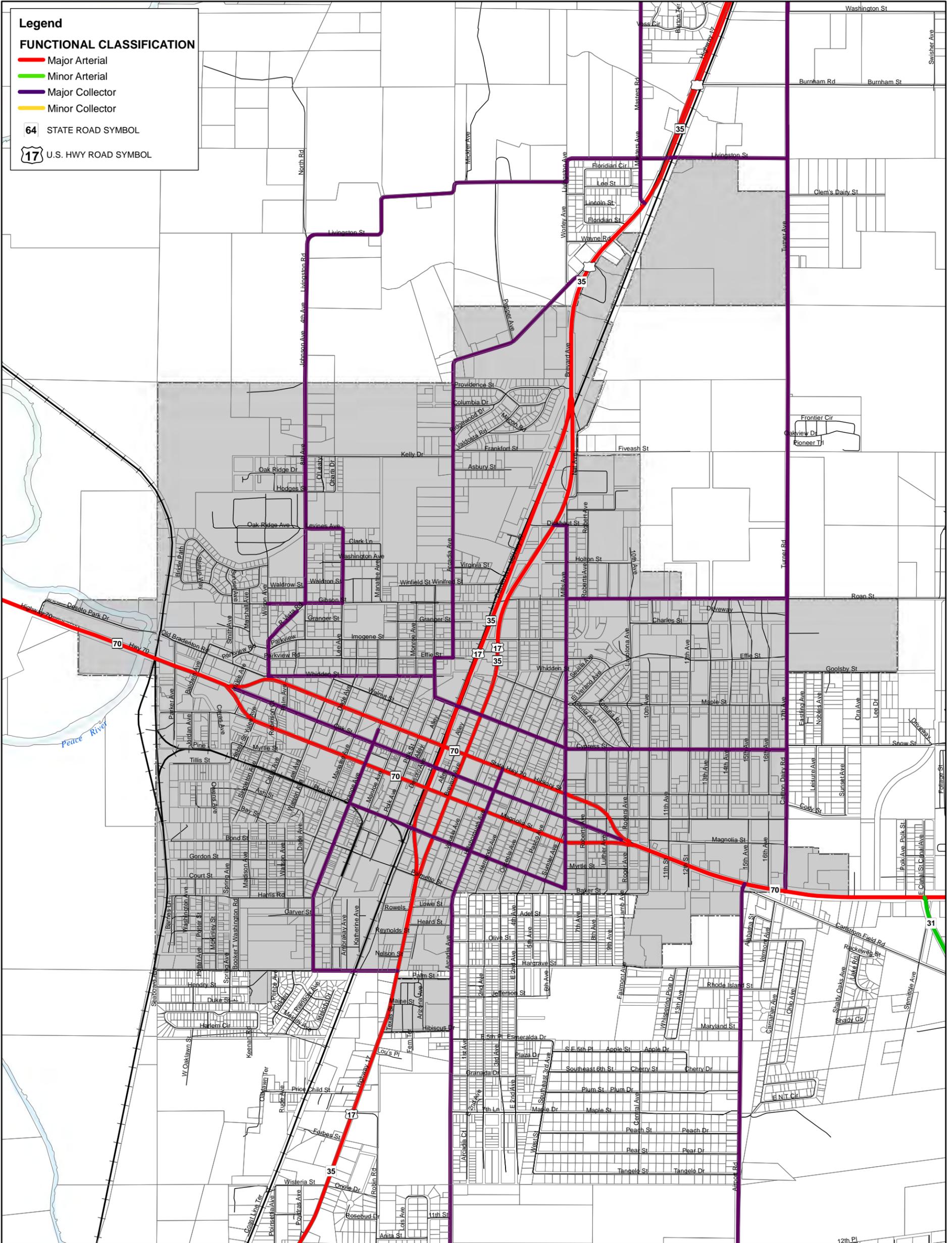
Florida Intrastate Highway Facilities
SIS Facilities (US 17)

"B"
"B" or standards set by the
Florida Department of
Transportation
[9J-5.007(3)(c)I]

- Policy 2.2:** In establishing level of service standards, Arcadia shall utilize the Florida Department of Transportation Highway Capacity Manual and accompanying level of service spreadsheet.
- Policy 2.3:** For roadway segments determined to be backlogged at the time of adoption of the City of Arcadia Comprehensive Plan, Arcadia shall maintain the current operating level of service on such segments by not permitting development that would result in the significant degradation of a backlogged segment. Significant degradation is defined as an increase in traffic volume of five percent or a decrease in average travel speed of one mile per hour. Arcadia shall coordinate with the Florida Department of Transportation to improve backlogged segments to meet the level of service standard adopted by the Florida Department of Transportation and the City of Arcadia for for that facility type.
- Policy 2.4:** Arcadia shall coordinate with DeSoto County and the Florida Department of Transportation to establish a traffic counting program for its collector roadways.
- Policy 2.5:** Arcadia shall review all new development proposals, and require the necessary information to ensure that impacts of proposed development shall not exceed the established level of service standards for its roadways.
- Policy 2.6:** Arcadia shall establish a notification process to inform DeSoto County and the Florida Department of Transportation when a proposed development will generate traffic on State or County owned roadways that will reduce the roadway's level of service.
- Policy 2.7:** To ensure the safe and convenient movement of vehicles and pedestrians, Arcadia shall continue to implement its land development regulations with regard to provisions regulating on-site traffic flow and establish criteria for motorized and non-motorized vehicle parking.
- Objective 3:** *Arcadia shall coordinate with the Florida Department of Transportation to implement measures to preserve right-of-way for capacity expansion.*
- Policy 3.1:** Consistent with the Future Land Use Map and Future Traffic Circulation Map, new development that adjoins a planned roadway will be required to dedicate the right-of-way, where applicable, to maintain the established level of service standards.
- Policy 3.2:** To uphold the preservation of right-of-way for roadway expansion, Arcadia shall include in its land development regulations necessary setback requirements.

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- Policy 3.3:** Arcadia shall coordinate with the Florida Department of Transportation regarding the expansion of state roads that pass through the City. Arcadia shall work with the Florida Department of Transportation to protect anticipated right-of-way needs from building encroachment, and shall include appropriate enforcement provisions in local regulations.
- Objective 4:** *On adoption of the Comprehensive Plan, decisions made by the City that impact traffic circulation will be consistent with the future land uses depicted on the Future Land Use Map.*
- Policy 4.1:** When changes are proposed to Arcadia's traffic circulation system, the appropriateness of the change will be viewed in the context of the Future Land Use Map and the established level of service standards. Supporting analysis of proposed amendments to the Arcadia Comprehensive Plan shall demonstrate consistency between the Traffic Circulation Element and the Future Land Use Map when such a proposed amendment impacts the transportation system or future land uses.
- Objective 5:** *Arcadia shall provide for safe and convenient non-motorized traffic circulation.*
- Policy 5.1:** To encourage energy efficiency and savings, alternative modes of transportation shall be accommodated to create a community that is not solely reliant on the automobile for all transportation trips. At a minimum, this will address conceptual designs to accommodate: transit, pedestrians, bicycles, and alternative vehicles.
- Policy 5.2:** Arcadia shall coordinate with the FDOT to provide continuous routes for bicycling and other non-motorized modes of travel.
- Policy 5.3:** Arcadia shall incorporate bicycle and pedestrian ways in the planning of its transportation facilities.
- Policy 5.4:** Arcadia shall coordinate with the DeSoto County School Board to ensure pedestrian access to new schools.
- Policy 5.5:** Arcadia shall include in its land development regulations the requirement that new commercial and residential development dedicate sidewalks.
- Policy 5.6:** Arcadia shall implement a program that inventories and prioritizes sidewalk construction and repair.

CITY OF ARCADIA - EXISTING FUNCTIONAL CLASSIFICATION



Legend

FUNCTIONAL CLASSIFICATION

- Major Arterial
- Minor Arterial
- Major Collector
- Minor Collector

64 STATE ROAD SYMBOL

17 U.S. HWY ROAD SYMBOL

DISCLAIMER:
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Data Sources:
 City of Arcadia
 Desoto County Property Appraiser
 Florida Department of Transportation
 Central Florida Regional Planning Council

Date Adopted:
 May 1, 2012



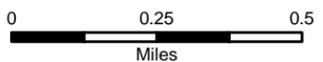
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 121 W. Hickory Street
 Arcadia, FL 34926
 Phone: (863) 494-2514
 E-Mail: sbbaumann@arcadia-fl.gov



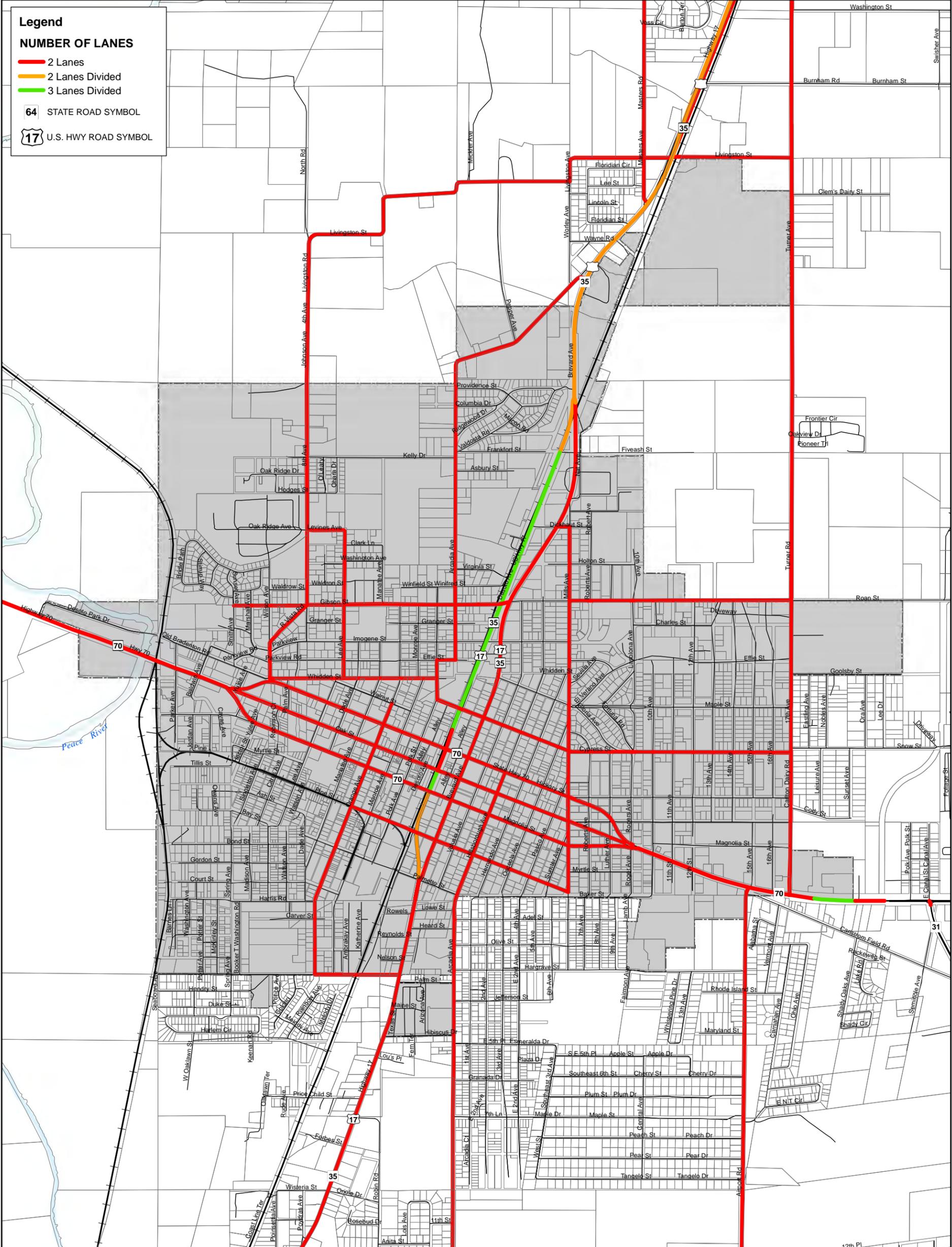
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 P.O. Box 2089, Bartow, FL 33831-2089
 (863) 534-7130 - SUNCOM 515-2025
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 www.cfrpc.org

Legend

- Roads
- Railways
- Parcels
- Arcadia Boundary
- Water Bodies



CITY OF ARCADIA - EXISTING NUMBER OF LANES



Legend

NUMBER OF LANES

- 2 Lanes
- 2 Lanes Divided
- 3 Lanes Divided
- 64 STATE ROAD SYMBOL
- 17 U.S. HWY ROAD SYMBOL

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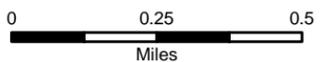
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 Arcadia, FL 34266
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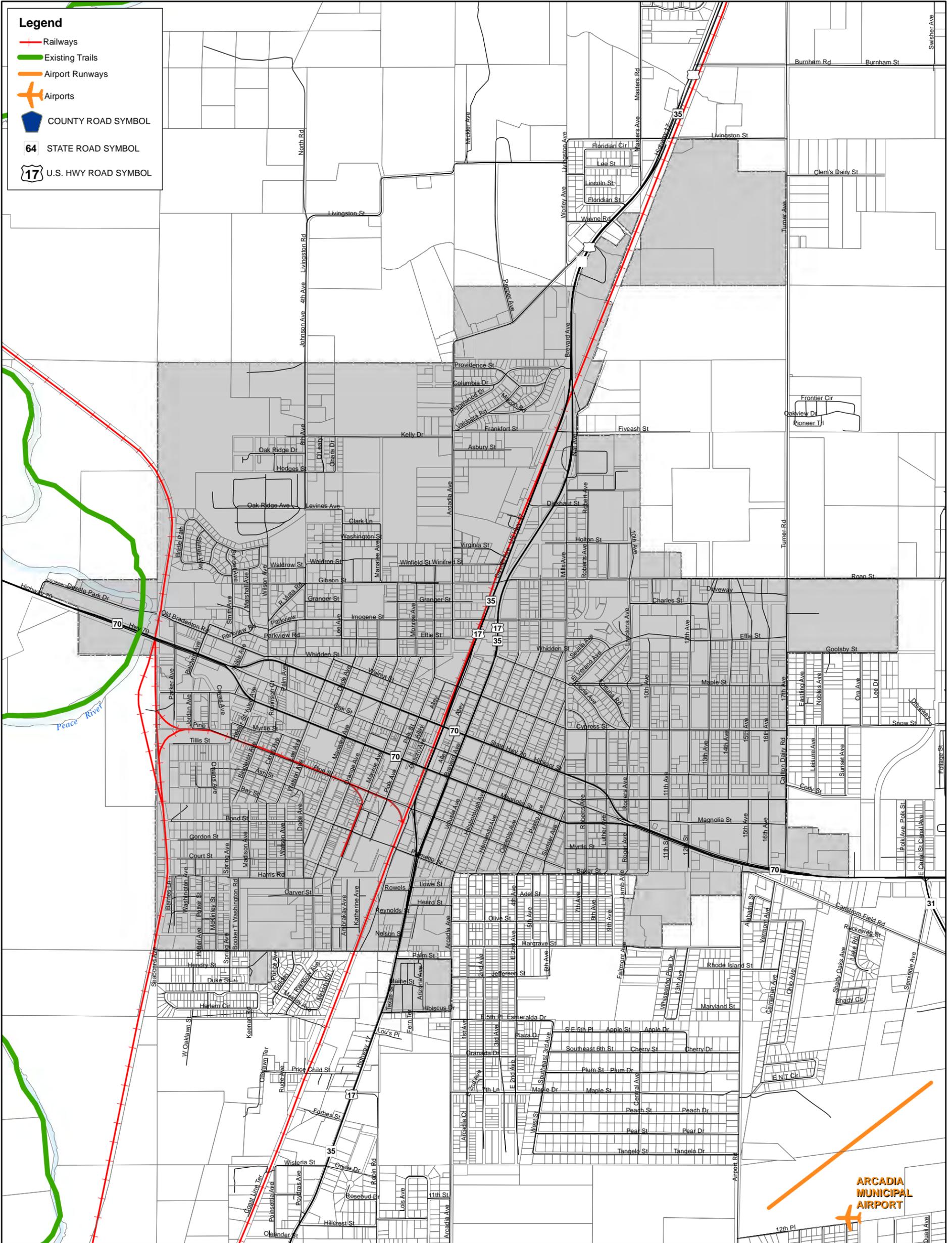
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General Legend

- Roads
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CITY OF ARCADIA - EXISTING TRAFFIC CIRCULATION



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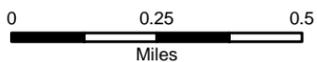
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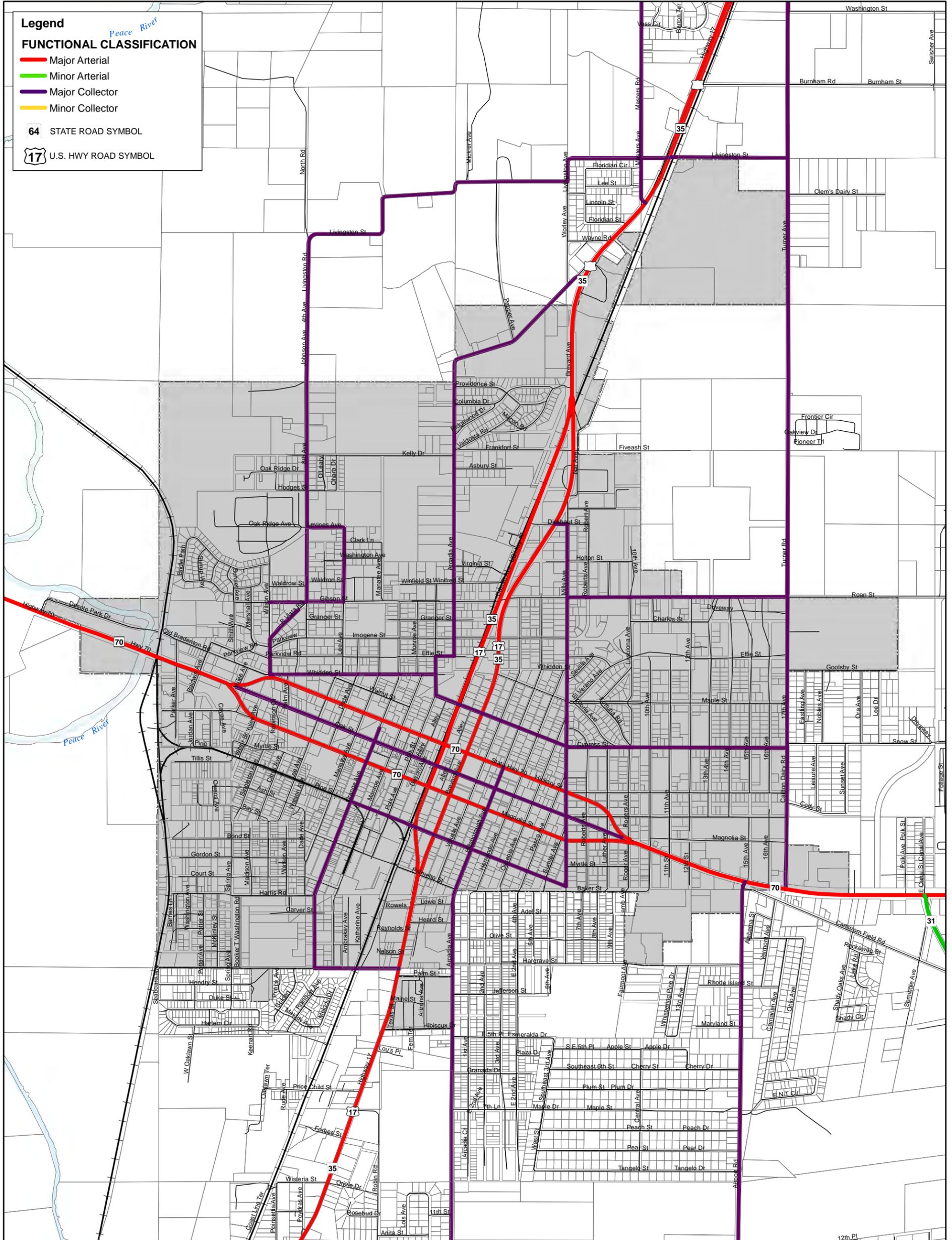
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General Legend	
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	Parcels
	Arcadia Boundary
	Water Bodies



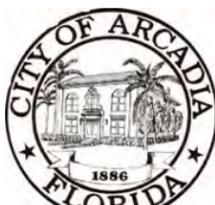
CITY OF ARCADIA - 2030 FUTURE FUNCTIONAL CLASSIFICATION



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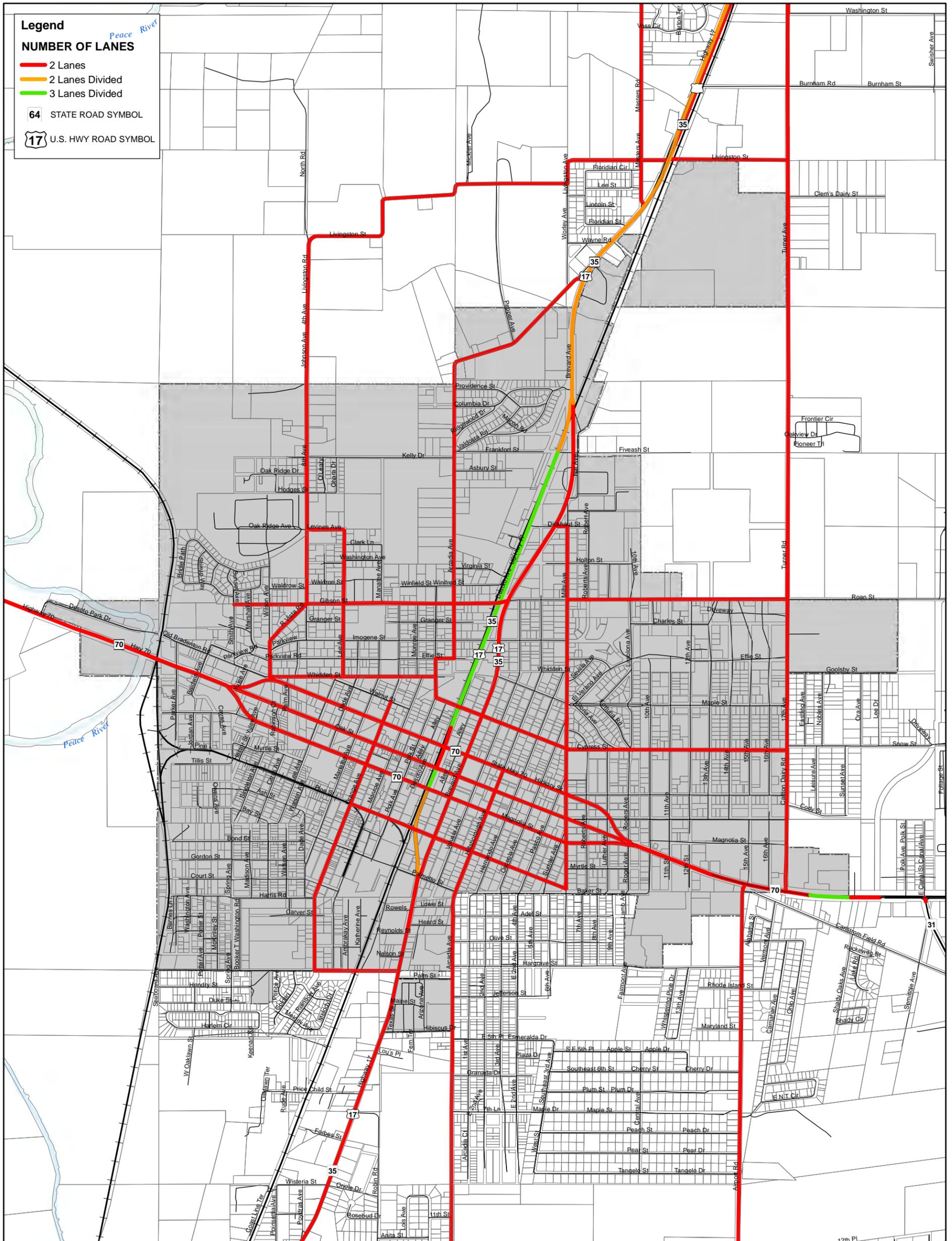
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Legend

- Roads
- Railways
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- Water Bodies



CITY OF ARCADIA - 2030 FUTURE NUMBER OF LANES



Legend

NUMBER OF LANES

- 2 Lanes
- 2 Lanes Divided
- 3 Lanes Divided

64 STATE ROAD SYMBOL

17 U.S. HWY ROAD SYMBOL

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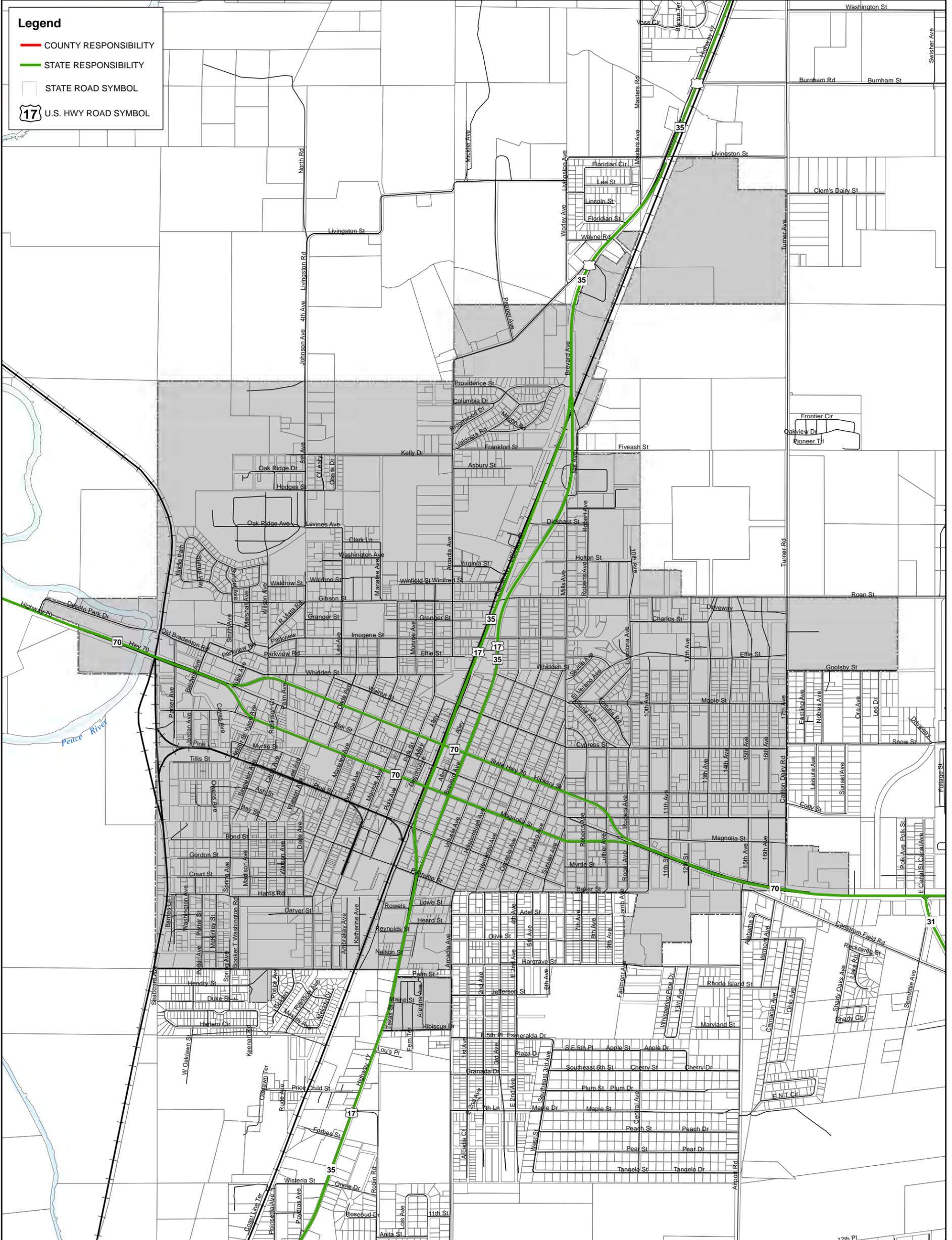
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Legend

- Roads
- Railways
- Parcels
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- Water Bodies



CITY OF ARCADIA - 2030 FUTURE ROAD MAINTENANCE RESPONSIBILITY



Legend

- COUNTY RESPONSIBILITY
- STATE RESPONSIBILITY
- STATE ROAD SYMBOL
- U.S. HWY ROAD SYMBOL

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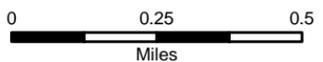
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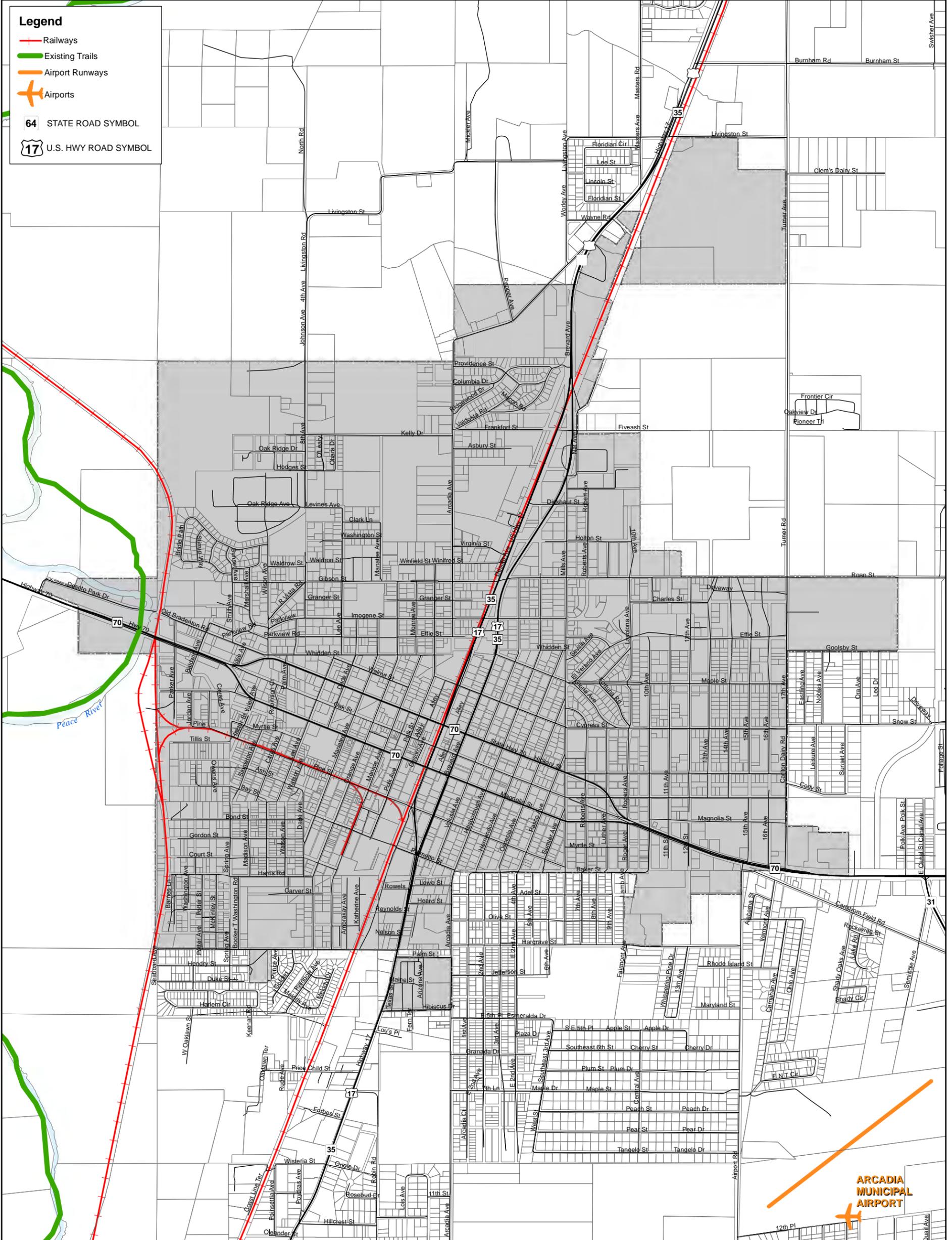
- Roads
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CITY OF ARCADIA - 2030 FUTURE TRAFFIC CIRCULATION

Legend

-  Railways
-  Existing Trails
-  Airport Runways
-  Airports
-  STATE ROAD SYMBOL
-  U.S. HWY ROAD SYMBOL



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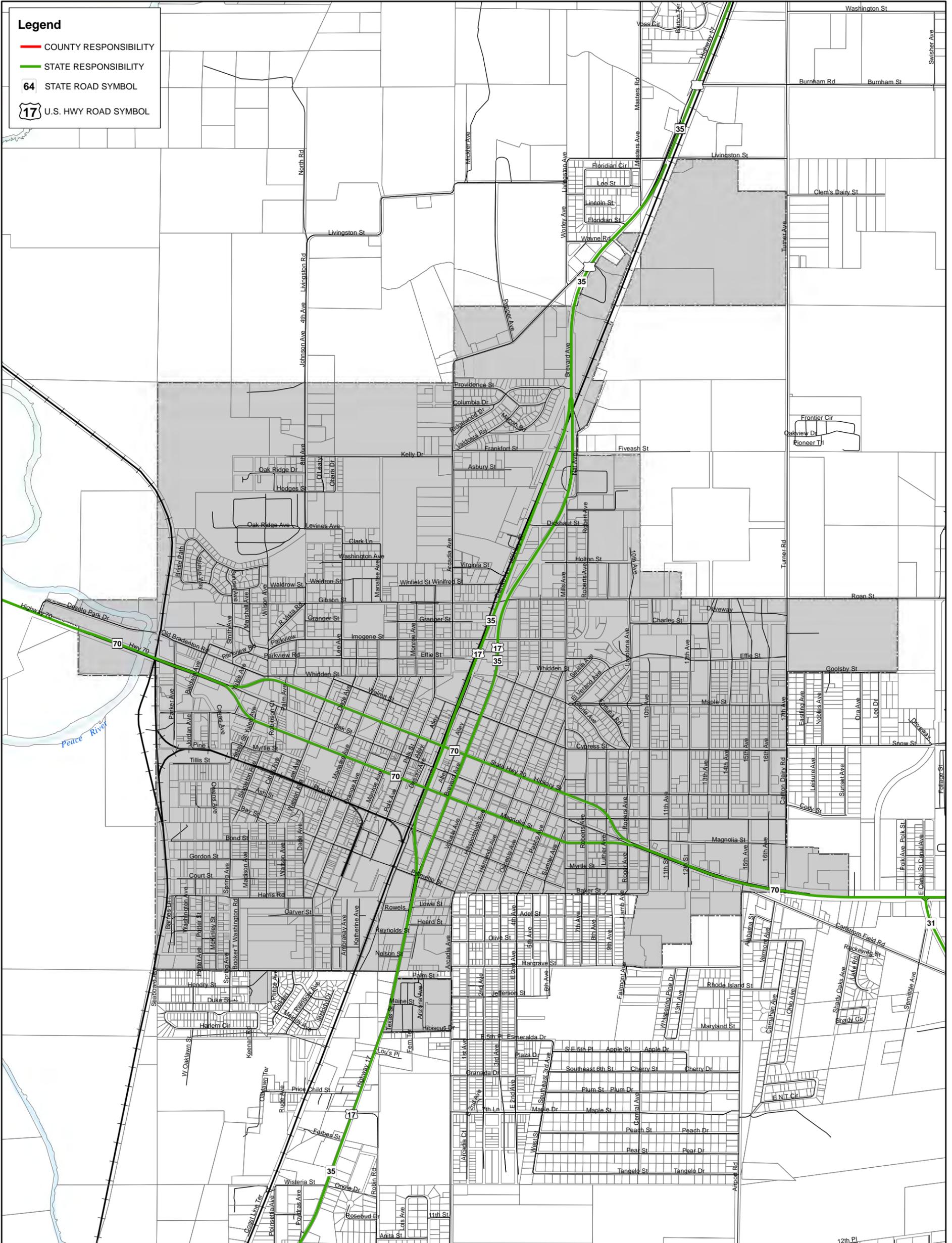
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General Legend

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CITY OF ARCADIA - EXISTING ROAD MAINTENANCE RESPONSIBILITY



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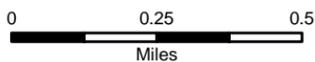
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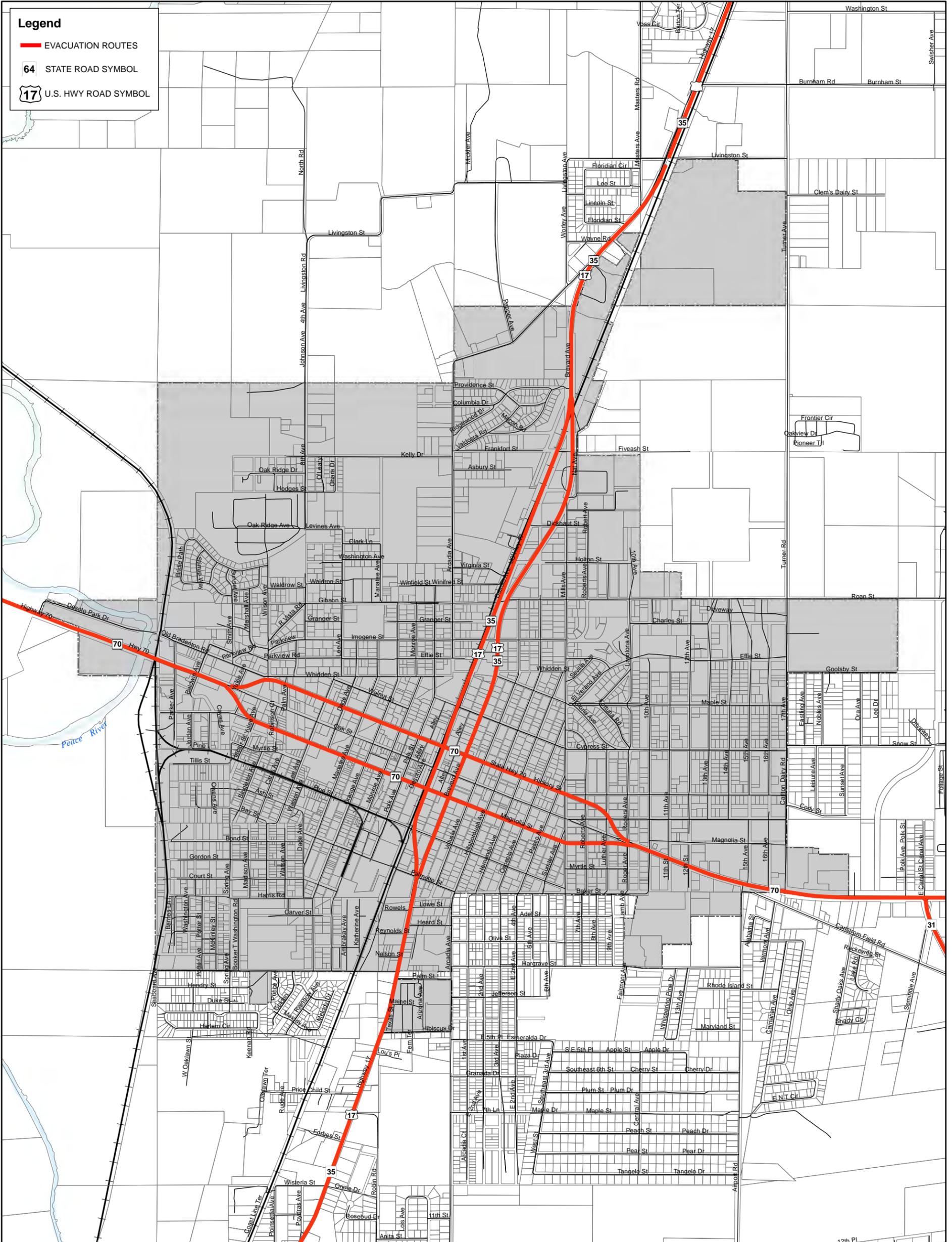
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General Legend	
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TE MAP 14 - CITY OF ARCADIA - EVACUATION ROUTES



Legend

- EVACUATION ROUTES
- 64 STATE ROAD SYMBOL
- 17 U.S. HWY ROAD SYMBOL

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