
4. Impacts

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This section summarizes the potential effects on the social, cultural, natural, and physical environment that may result from the construction and operation of the proposed improvements included in the Proposed Build Alternative, as documented in *Sections 1* and *3* of this *Environmental Assessment*. The potential impacts are based on the PD&E Study planning efforts conducted to date and currently available information. The existing and future conditions are summarized in the following sections to provide pertinent information related to the discussion of potential impacts. They are documented in detail in the *Preliminary Engineering Report* and the referenced supporting environmental and engineering documents. The assessment of project impacts included in this section will be updated as necessary following the Public Hearings and the final decision on the Preferred Alternative.

4.1 Social and Economic Impacts

4.1.1 Community Services

Several community service facilities were identified in the project study area, including those within approximately ½-mile of the project study area. **Table 4-1** summarizes the number and type of community facilities located within the project study area.

TABLE 4-1
Summary of Community Service Facilities in the Study Area

Community Facility	Number of Facilities
Schools (K-12)	3
Emergency Shelters (School)	1
Churches / Religious Centers	14
Cemeteries	3
Social Service Organizations / Community Centers	2
Child Day Care Center	2
Adult Care Facilities	1
Government Facilities	1
Medical Facilities	0
Police/Sheriff	0
Fire / Rescue	1
Parks and Recreational Facilities	7
Total	35

The various community facilities within the study area include one public elementary school, a private K-12 school, several churches, private daycare centers, three cemeteries, Easter Seals Camp Challenge, a retirement center, and Seminole County Fire Station #34. There are no direct, physical impacts to any structures identified as community facilities due to the Proposed Build Alternative. However, there are property impacts to three parcels upon which community facilities are located, including the Easter Seals Camp Challenge, Lakeside Fellowship United Methodist Church, and the Academy of Learning.

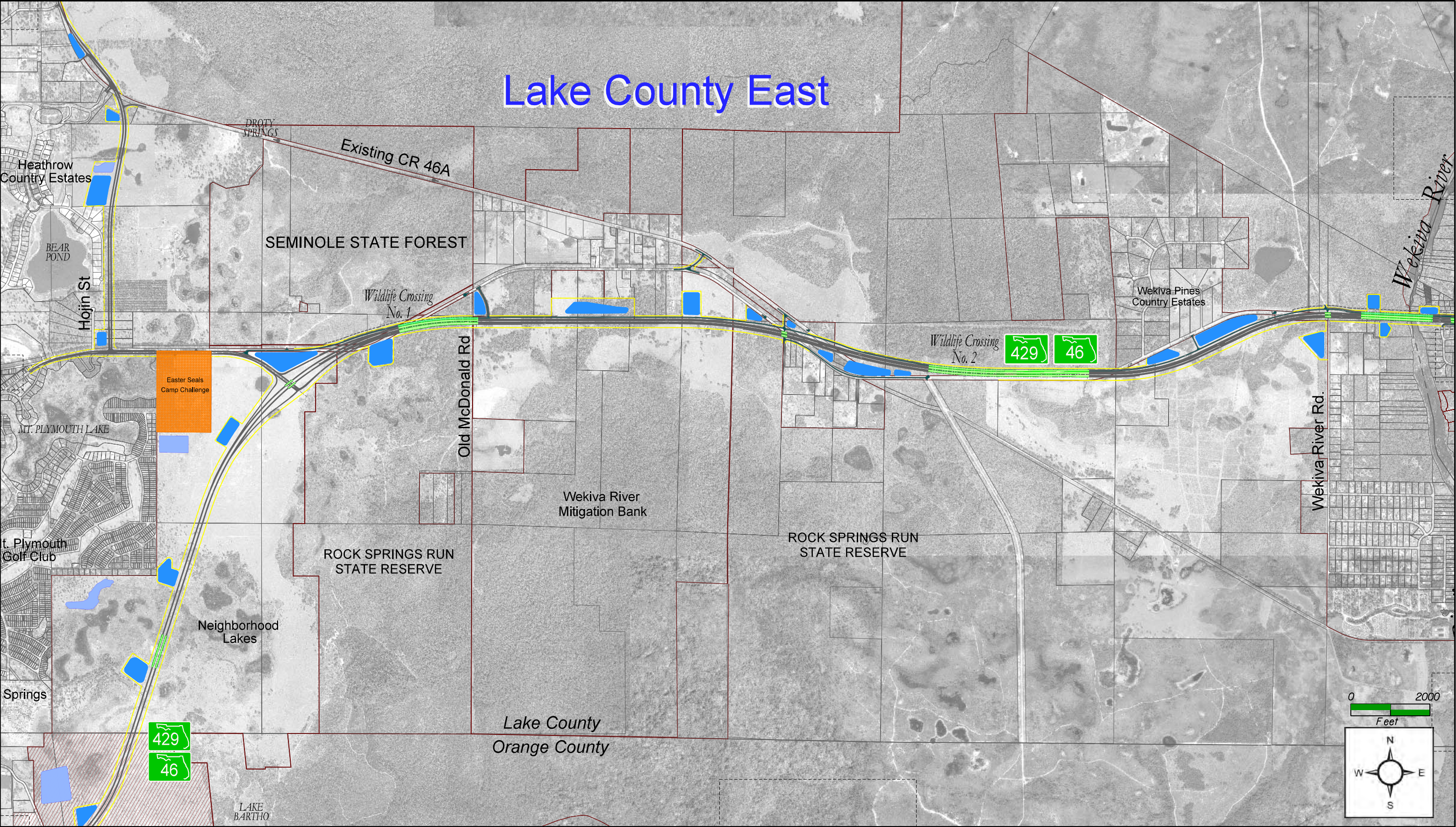
Easter Seals Camp Challenge is located in east Lake County south of the Seminole State Forest and east of Mt. Plymouth. The property is bordered by the Neighborhood Lakes conservation land on the east and SR 46 on the north. The facility is accessed from SR 46 via Camp Challenge Road. Camp Challenge serves as a respite and summer camp for children and adults with cognitive and/or physical disabilities. The 63-acre facility includes cabins, dormitories, meeting rooms, dining and kitchen facilities and recreational facilities. The Proposed Build Alternative results in minimal property impacts, comprising approximately 4.2 acres, to the northern boundary of the property along existing SR 46. These anticipated property impacts will not result in any impacts to existing structures or on-site recreational facilities. The intersection at Camp Challenge Road and SR 46 will be modified to accommodate the proposed SR 46 reconstruction included in the Proposed Build Alternative. This modification will not affect the existing alignment of Camp Challenge Road. The proposed improvements will not impact access to, or the existing operations of, the Easter Seals Camp Challenge.

The Lakeside Fellowship United Methodist Church is located in Seminole County on the southeast corner of South Orange Boulevard (CR 431) and Wayside Drive. Several viable alternatives were analyzed to minimize impacts to church property. The Proposed Build Alternative is anticipated to impact approximately 4.7 acres of the church's property, including proposed ball fields south of the church building; however, no existing structures will be impacted due to the proposed improvements and access to the church will be maintained.

The Academy of Learning is a private K-12 school located at 445 South Orange Boulevard in Seminole County. Approximately 0.13 acre of the school's property is anticipated to be impacted by the Proposed Build Alternative; however, no existing structures will be impacted and existing access to the school will not be affected by the Proposed Build Alternative.

The community facilities property impacts due to the Proposed Build Alternative are depicted in **Exhibit 4-1, Sheets 1 - 4**. The general location of Camp Challenge, within the Lake County East portion of the study area, is depicted on Sheet 1. Sheet 2 is the roadway plan sheet at that location, which provides more detail of the impact due to the widening of SR 46. Sheet 3 shows the general location of the Lakeside Fellowship United Methodist Church and the Academy of Learning within the Seminole County project portion of the study area. Sheet 4 is the corresponding roadway plan sheet which provides a more detailed view of the impacted areas of those facilities. The potential property impacts to Camp Challenge, the Lakeside Methodist Church, and the Academy of Learning are not anticipated to affect the ability of these community facilities to continue serving their intended purpose.

Lake County East



LEGEND

Impacted Community Facilities

Stormwater Ponds

Floodplain Compensation Ponds

Municipal Boundaries

Proposed Build Alternative R/W

Existing R/W

Proposed Bridge

Exhibit 4-1
Impacted Community Facilities
Sheet 1 of 4

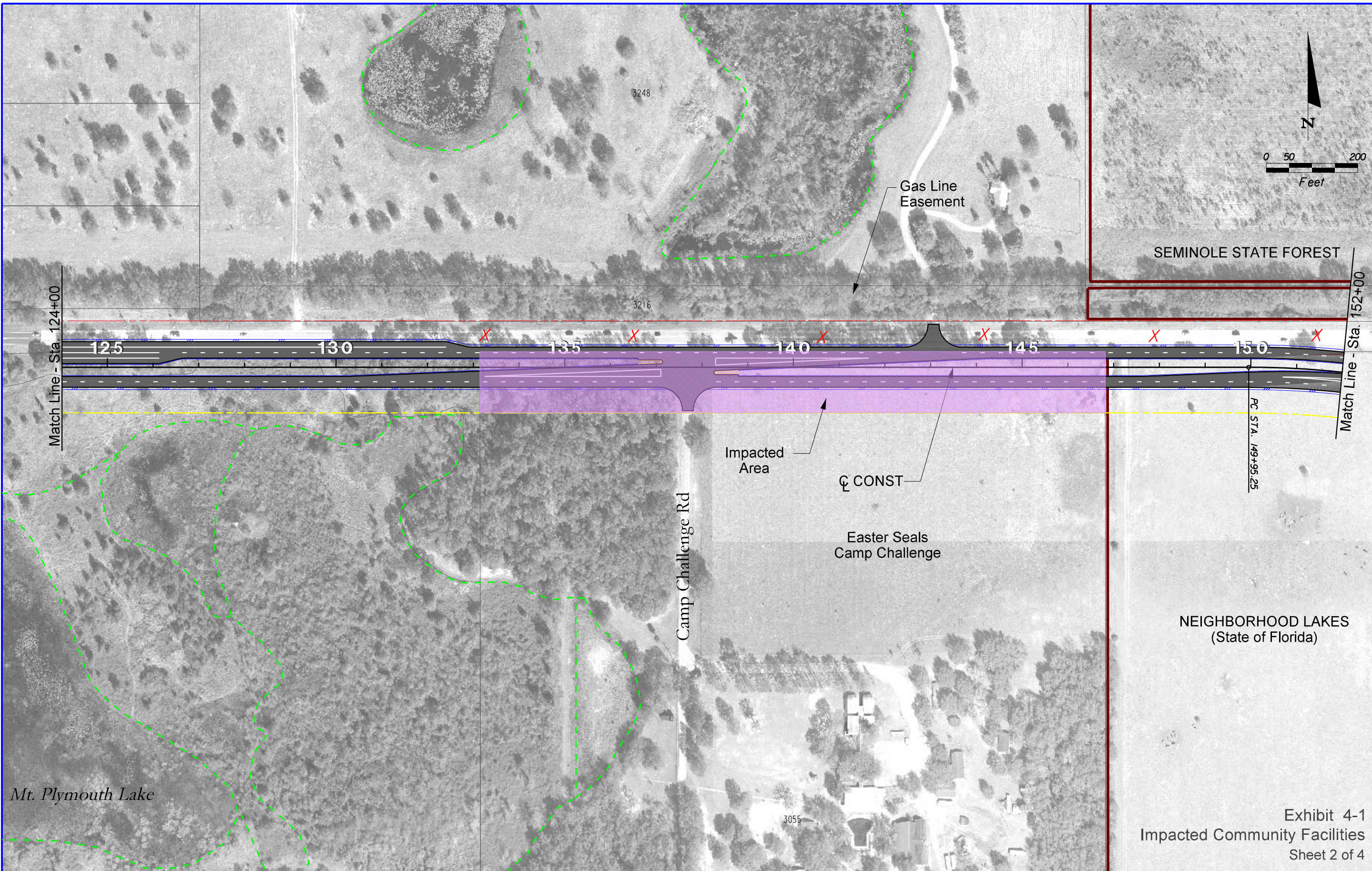



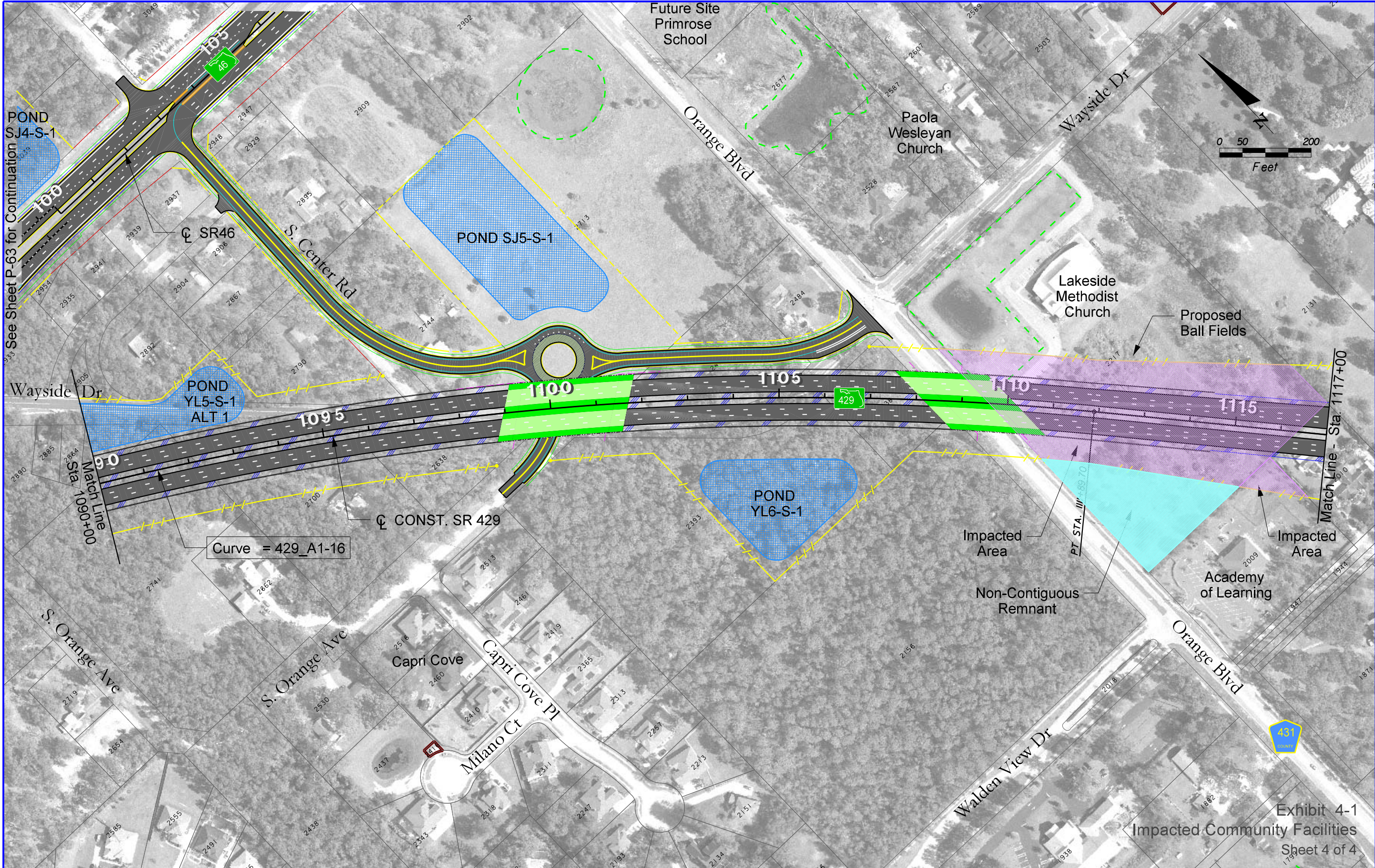


Exhibit 4-1
Impacted Community Facilities
Sheet 2 of 4

LEGEND		KEY MAP				CR 46A REALIGNMENT/SR 46			SHEET NO.
PARCEL LINES PROPOSED I/A RIGHT OF WAY PROPOSED RIGHT OF WAY CITY LIMITS POTENTIAL POND WETLAND BOUNDARY						NEW/RECONSTRUCTED PAVEMENT NEW BRIDGE OR REPLACEMENT/WIDENING PUBLIC LANDS PARCEL CODES I/A RIGHT OF WAY/EXISTING RIGHT OF WAY LIMIT			



<p>LEGEND</p> <ul style="list-style-type: none">PARCEL LINESPROPOSED L/A RIGHT OF WAYPROPOSED RIGHT OF WAYCITY LIMITSPOTENTIAL PONDWETLAND BOUNDARYNEW/RECONSTRUCTED PAVEMENTNEW BRIDGE OR REPLACEMENT/WIDENING PUBLIC LANDSPARCEL CODESL/A RIGHT OF WAY/EXISTING RIGHT OF WAY LIMIT	<p>KEY MAP</p>		<p>WEKIVA PARKWAY Project Development and Environment Study Orange, Lake & Seminole Counties</p>	<p>WEKIVA PARKWAY (SR 429) PROPOSED BUILD ALTERNATIVE PLAN SHEET STA. 1090+00 - STA. 1117+00</p>	<p>SHEET NO. P-39</p>
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