

3.0 Impacts on the Section 4(f) Properties

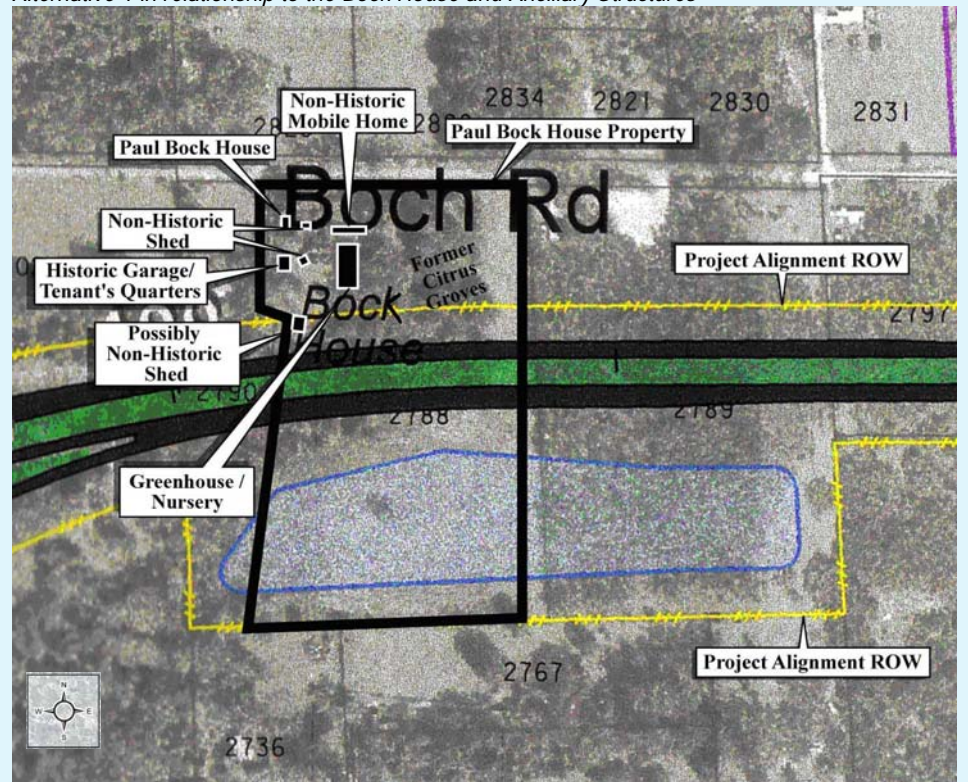
3.1 Impacts on Bock House Property

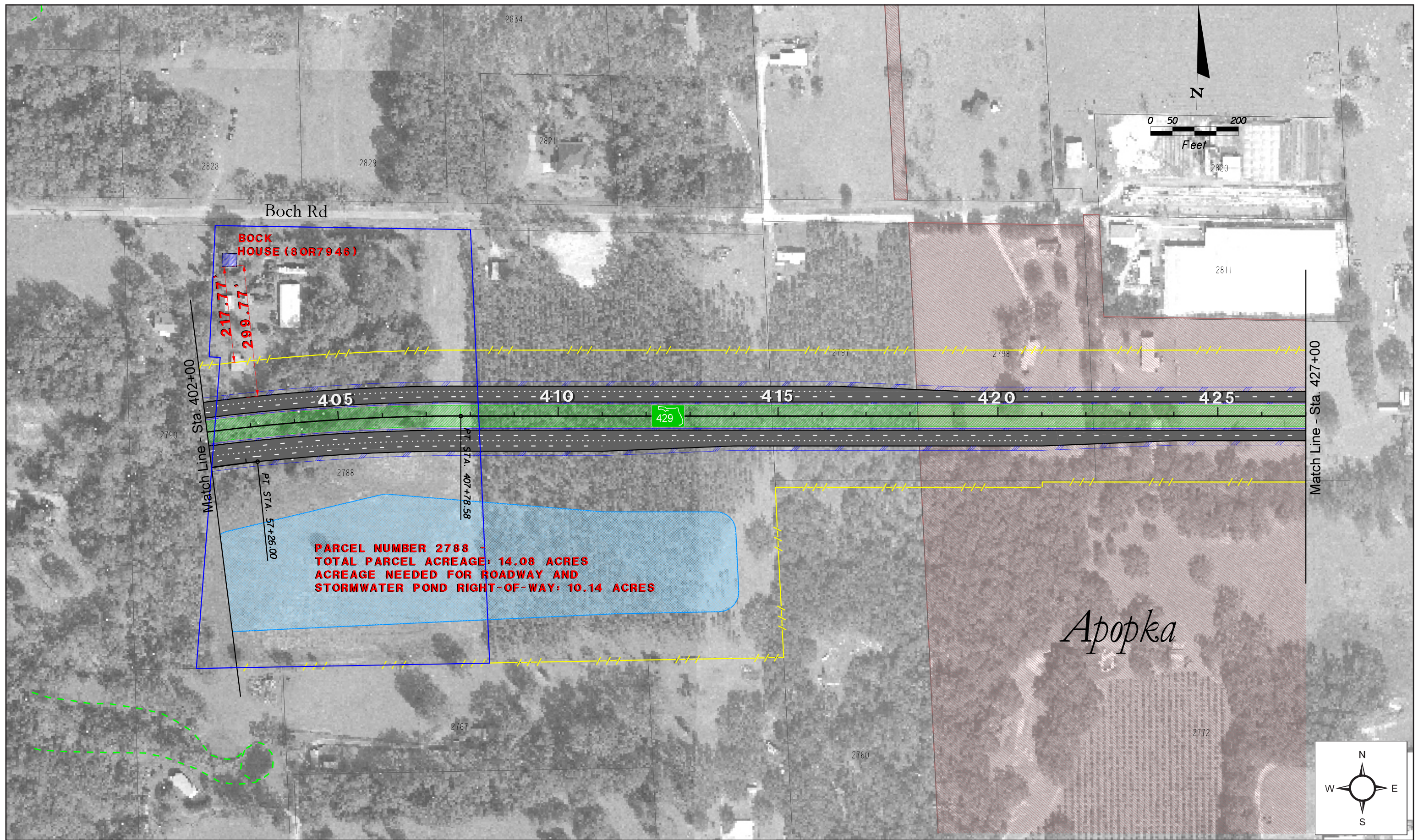
Alternative 1 in relationship to the Bock property is shown in **Exhibit 3-1**. Although Alternative 1 requires direct use of approximately 10 acres of the Bock property, no contributing structures would be displaced. The location of the Bock House and the ancillary structures on the parcel are shown on the illustration below.

As shown on Exhibit 3-1, the Alternative 1 mainline would pass south of the Bock House. The house would be approximately 300 feet from the edge of travelway and approximately 218 feet from the right-of-way fence. The total size of the parcel upon which the house is located is approximately 14 acres. Approximately 10 acres from the southern portion of the parcel would be needed for roadway and pond right-of-way. This would leave approximately 4 acres of the parcel with the house. The existing direct access to Boch Road would not be affected by the project.

While the acquisition for Alternative 1 right-of-way would not directly impact the main Bock House, it would require removal of a non-historic outbuilding (a metal shed) and construction on land that formerly comprised the associated citrus groves. Although the land is no longer harvested for citrus, and other trees and vegetation have intermixed with them, some of the citrus trees are still present. The portion of the property to be acquired for pond right-of-way consists of open field that historically was an open field. No contributing structures would be displaced and no residents would be displaced on this site by Alternative 1.

Alternative 1 in relationship to the Bock House and Ancillary Structures





Parcel Lines	Proposed Right of Way	Potential Pond	New/Reconstructed Pavement	Bridge Replacement or Widening	Parcel Codes
Proposed L/A Right of Way	City Limits	Wetland Boundary			

**Exhibit 3-1
Potential Impacts to Historic Resources
Bock House**

Alternative 1 introduces a new roadway facility with stormwater ponds through a rural area and will result in increased noise and visual effects. The traffic noise level with Alternative 1 is anticipated to increase from the projected No Build level of 42.7 dBA to an estimated 61.2 dBA in 2032 (the project design year) at the Bock House location. This projected increase would not exceed either the FHWA noise abatement criteria of 67 dBA for residential areas or the FDOT approach criteria of 66 dBA, but it would exceed the FDOT increase threshold of 15 dBA requiring noise abatement analysis. However, due to the sparsely populated area in which the Bock House is located, it does not meet the FDOT cost reasonable test for a noise barrier. In the vicinity of the Bock House, the Alternative 1 profile would be approximately 16 feet to 25 feet above the existing ground elevation. Aesthetic treatments may be implemented in the design of the roadway to decrease the visual intrusiveness of the proposed improvement. Although visual impacts are a subjective matter, the viewshed from the historic resource would be affected by Alternative 1.

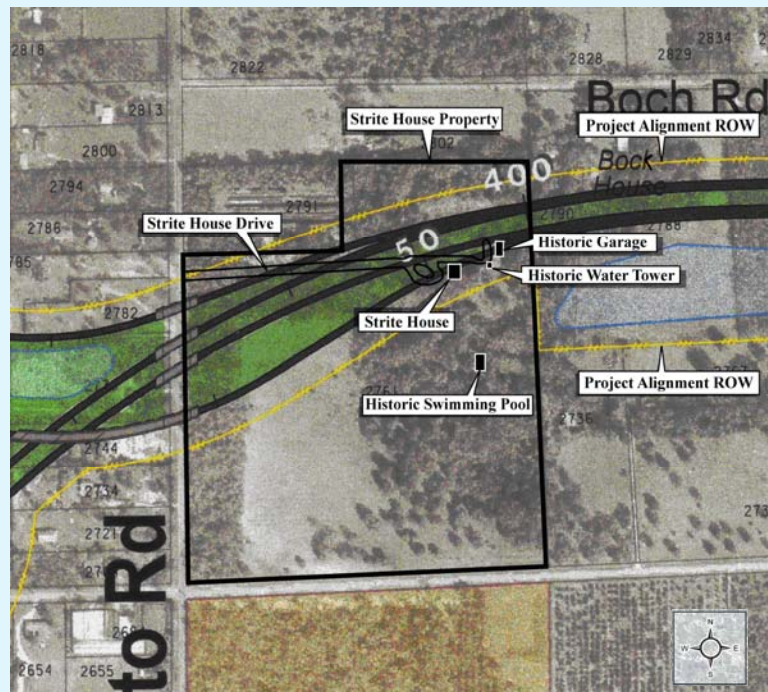
Based on the amount of property that would be needed to be acquired for the Alternative 1 improvements and the proximity of those improvements to the historic house, there would be an **adverse effect** on the Bock House. The historic connection and setting of the Bock House and surrounding property will be notably compromised by the Alternative 1 improvements. Access restrictions did not permit photographs of the open field at the rear of the property where most of the right-of-way acquisition would take place.

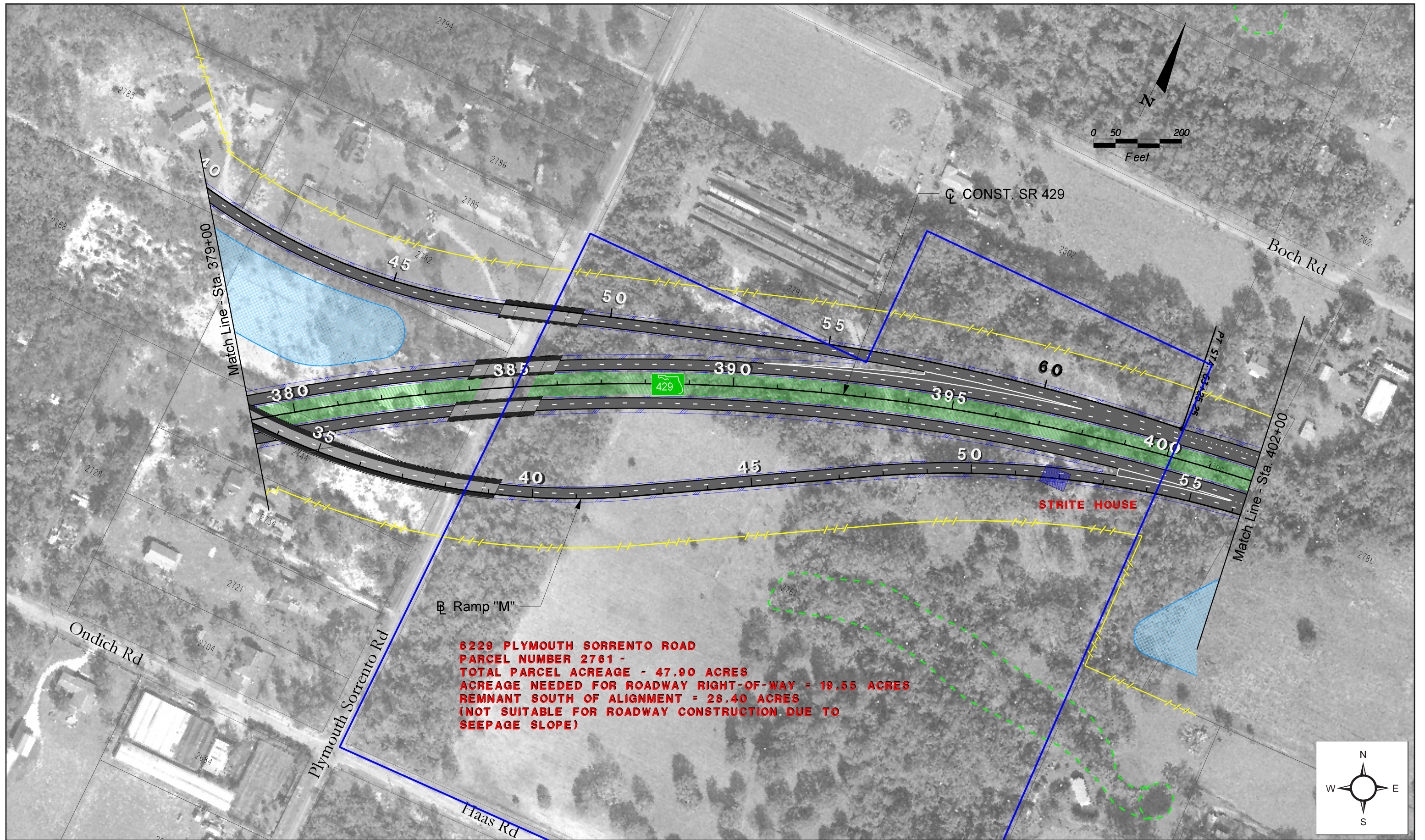
3.2 Impacts on Strite House Property

Alternative 1 in relationship to the Strite property is shown in **Exhibit 3-2**. Alternative 1 requires direct use of approximately 20 acres of the Strite property and would require relocation or removal of the Strite House. The location of the Strite House and the ancillary structures on the parcel are shown on the illustration to the right.

The total size of the parcel upon which the house is located is approximately 48 acres. Approximately 20 acres from the northern portion of the parcel would be needed for roadway right-of-way. The remaining 28 acres would maintain existing direct access to both Haas Road and Plymouth Sorrento Road. However, the existing driveway from Plymouth Sorrento Road would need to be relocated to the southern portion of the property due to the right-of-way acquisition.

Alternative 1 in relationship to Strite House and Ancillary Structures





LEGEND

- Parcel Lines
- Proposed Right of Way
- Potential Pond
- New/Reconstructed Pavement
- City Limits
- Wetland Boundary
- Bridge Replacement or Widening
- Parcel Codes
- L/A Right of Way/Existing Right of Way Limit

**Exhibit 3-2
Potential Impacts to Historic Resources
Strite House**



In addition to relocation or removal of the Strite House, the portion of the property to be acquired for Alternative 1 right-of-way contains the historic garage and historic water tower which are considered to be contributing features. The acquisition would also impact the original driveway, historically designed front lawn, and land on which associated citrus groves were previously sited; however, citrus trees are no longer present. The historic swimming pool is located outside of the right-of-way acquisition area.

All of the features listed above, as included in the acquisition area, are considered contributing to the significance of the Strite House. The rural/agricultural land that surrounds the Strite House and property, and the isolation derived from its surroundings, are important aspects of the setting and, therefore, contribute to the significance of the resource. The historic integrity of the Strite House and surrounding property would be significantly compromised by direct effects from the Alternative 1 improvements. Based on the acquisition of the house, ancillary structures, landscape features, and the substantial property that would be required for project right-of-way, Alternative 1 would have an **adverse effect** on the Strite House.