



APPENDIX G

SUGGESTED INTERSECTION ENHANCEMENTS



SHARED USE PATH MASTER PLAN UPDATE

Suggested Intersection Enhancements

Section 8 of the Shared Use Path Master Plan identified 16 intersections that had been suggested for enhancement through the Plan update process. The 16 intersections are shown in Figure G-1 and listed in Table G-1. The following pages include a detailed look at the different intersections along with some suggested enhancements that could be considered for future evaluation and potential implementation following the appropriate and necessary level of analysis and determination of feasibility.



Figure G-1: Suggested Intersection Enhancements

Table G-1 – Suggested Shared Use Path Enhancements

ID	Intersection	Suggested Enhancement
1	Sanibel Captiva Rd at Ding Darling Entrance	Improve visibility of Path users
2	Sanibel Captiva Rd at Rabbit Rd	Improve crosswalk alignment and visibility
3	West Gulf Dr at Rabbit Rd	Improve wayfinding
4	Sanibel Captiva Rd at Tarpon Bay Rd/Palm Ridge Rd	General crossing improvement, assignment of right-of-way
5	Periwinkle Way at St Michael Church	Visibility and crossing improvements
6	Periwinkle Way at Meridian Dr	Visibility and crossing improvements
7	Casa Ybel Rd at Algiers Ln	Crosswalk alignment
8	Middle Gulf Dr at Casa Ybel Rd	Crosswalk alignment
9	Middle Gulf Dr at Cowry Ct	Improve visibility and crosswalk alignment
10	Middle Gulf Dr at Par View Dr	Enhance connection to Shared Use Path
11	East Gulf Dr at Nerita St	General crossing improvements
12	Periwinkle Way at Roadside Park	General crossing improvements
13	Periwinkle Way at Bailey Rd	Visibility and crossing improvements
14	Bailey Rd at Sand Castle Ct	New crossing potential
15	Causeway Blvd at Chamber of Commerce	General crossing improvements
16	Periwinkle Way at Yachtsman Dr	New crossing potential



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1. Sanibel Captiva Road at Ding Darling Entrance

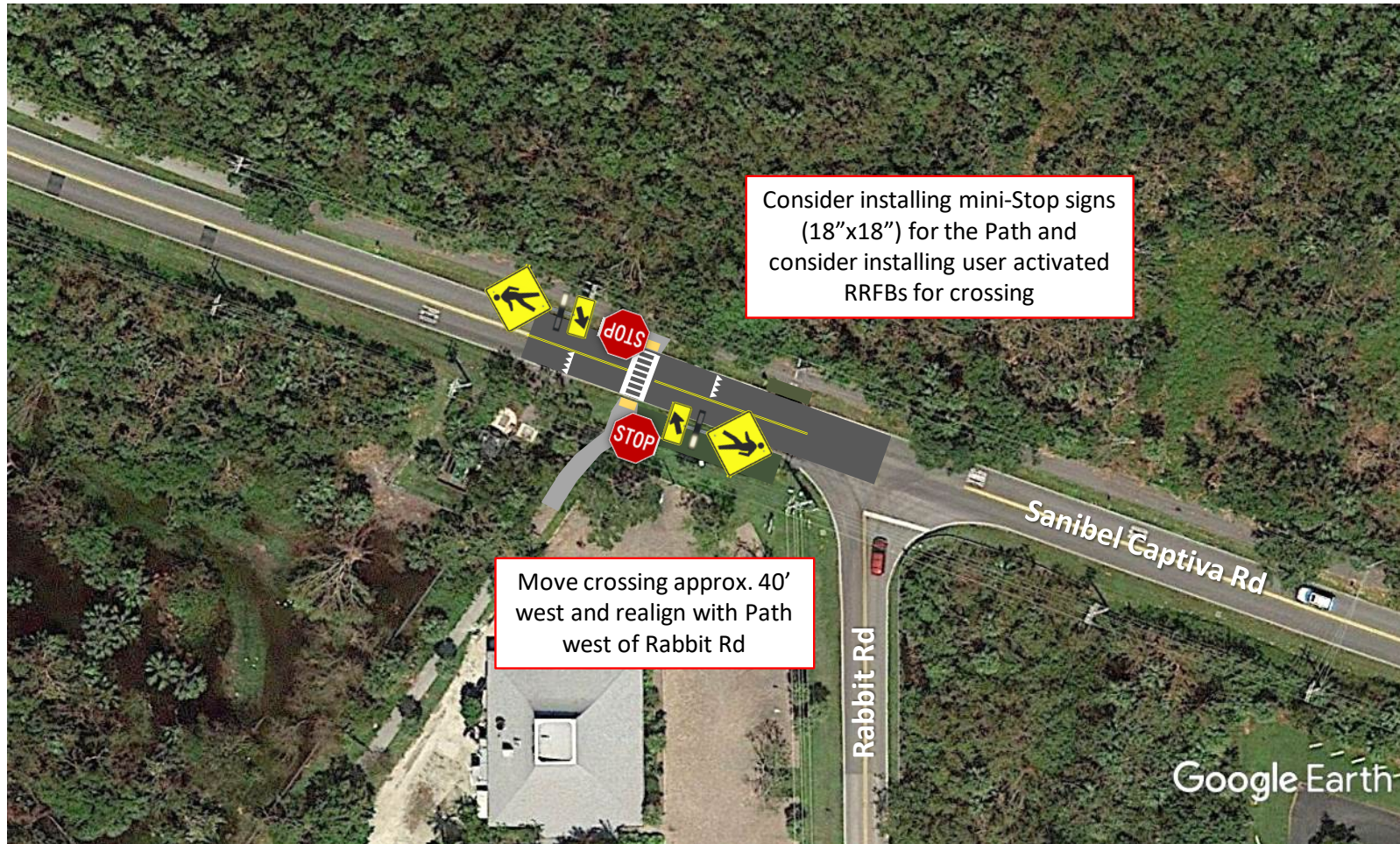


Concern:	Limited visibility of Path users from the westbound right-turn lane into Ding Darling.
Suggestion:	Implement the improvements identified in the 2015 Intersection Improvement Study and keep vegetation cut-back to ensure optimal visibility of Path users. Continue to monitor and if necessary, consider the longer-term alternative identified in the Intersection Improvement Study and redesign the right-turn lane to eliminate the slip-lane.



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2. Sanibel Captiva Road at Rabbit Road



Concern:	The Path curves south of Sanibel-Captiva Road can be difficult to maneuver, additionally, the existing crossing routes some Path users inadvertently toward Rabbit Road.
Suggestion:	Consider moving the crossing approximately 40' to the west to better align with the existing Path west of Rabbit Road. Whether the crossing is moved, or remains where it is currently located, consider installing mini-Stop signs (18"x18") for the Path and consider installing either user activated Rectangular Rapid Flashing Beacon (RRFBs) or in-pavement puck lighting to supplement the crossing.



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3. West Gulf Drive at Rabbit Road



Concern:	Westbound Path users are turning down Rabbit Road and not continuing to where the Path curves at Surf Sound Court.
Suggestion:	Enhance existing wayfinding signage to better direct Path users through the Rabbit Road intersection to the Path along Surf Sound Court. Consider relocating the existing wayfinding signage on the westbound approach to Rabbit Road to the right-hand (north) side of the Path and consider providing additional signage on the immediate west side of intersection to help direct Path users to the Path along Surf Sound Court. <i>Additional signage appears to have been added to better direct users to continue along the Path west of Rabbit Road.</i>



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4. Sanibel Captiva Road at Tarpon Bay Road/Palm Ridge Road



Concern:	Path user and motorist confusion on whether Path users are required to stop before continuing through the crosswalks.
Suggestion:	Consider installing mini-stop signs (18"x18") along the Path to match the roadway controls. Provide advance "Stop Ahead" pavement markings along the Path on the approaches to the intersection.



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5. Periwinkle Way at St Michael Church



Concern:	Limited visibility due to vegetation and Path alignment.
Suggestion:	Given the limited visibility of the Path approaches from Periwinkle Way consider installing mini-stop signs (18"x18") for the north and south Path crossings. Along the south side of Periwinkle Way where the main Path and crossing extension intersect, consider installing caution markings on the southbound approach to the main Path.



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6. Periwinkle Way at Meridian Drive



Concern:	The existing crossing alignment limits visibility.
Suggestion:	Consider realigning the Path east of Meridian Drive to the north to bring the crossing closer to Periwinkle Way.



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7. Casa Ybel Road at Algiers Lane

Alternative A



Concern:	Existing crossing creates some out-of-direction travel and some Path users cross south of the crosswalk to access the Path along Algiers Lane.
Suggestion:	Implement the recommendations from the 2015 Intersection Improvement Study and install low-profile landscaping to deter crossing outside of the crosswalk.



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Alternative B



Concern:	Existing crossing creates some out-of-direction travel and some Path users cross south of the crosswalk to access the Path along Algiers Lane.
Suggestion:	Realign the crossing to align with the Path along Algiers Lane.



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8. Middle Gulf Drive at Casa Ybel Road

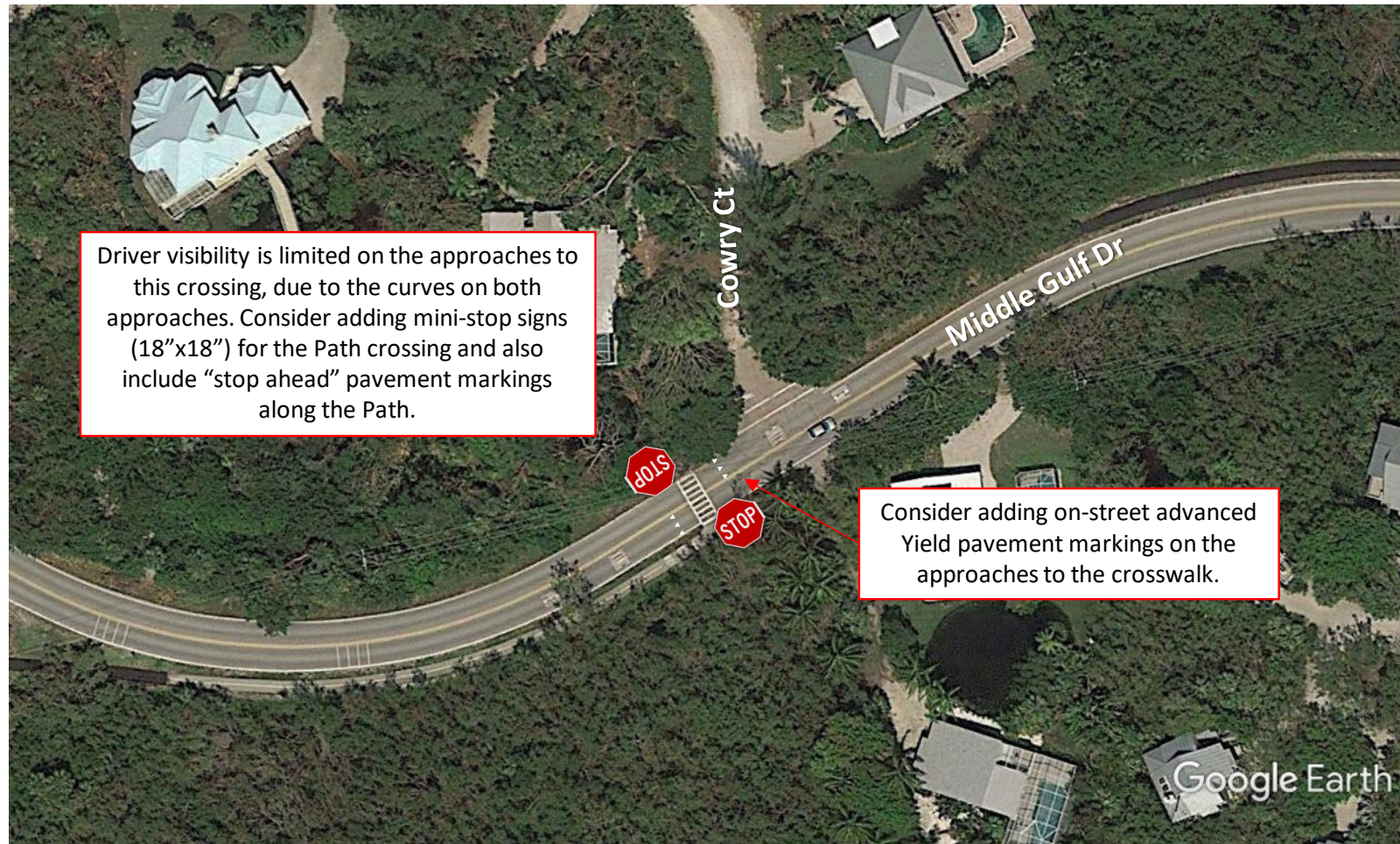


Concern:	Limited visibility for Path users transitioning to/from Casa Ybel Road and Middle Gulf Drive due to vegetation and curve in Path.
Suggestion:	Consider widening the Path on the inside curve and west side approach to the intersection to provide more room to maneuver the curve and additional space for users waiting to cross Middle Gulf Drive.



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9. Middle Gulf Drive at Cowry Court



Driver visibility is limited on the approaches to this crossing, due to the curves on both approaches. Consider adding mini-stop signs (18"x18") for the Path crossing and also include "stop ahead" pavement markings along the Path.

Consider adding on-street advanced Yield pavement markings on the approaches to the crosswalk.

Concern:	Roadway curves limit driver visibility of crossing.
Suggestion:	Consider adding on-street advance Yield pavement markings on the approaches to the crosswalk. Also, due to the limited driver visibility, consider installing mini-stop signs (18"x18") for the north and south Path crossing and include "Stop Ahead" pavement markings along the Path on the approaches to the crossing.



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10. Middle Gulf Drive at Par View Drive



Concern:	Difficult to transition to/from the Path at Par View Drive.
Suggestion:	Continue to explore opportunities to improve access to/from the Shared Use Path near Par View Drive. Current intersection operations and right-of-way make this a complex intersection to improve access.



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11. East Gulf Drive at Nerita Street



Concern:	Path user and motorist confusion on whether Path users are required to stop before entering the crosswalks.
Suggestion:	Remove the existing "Stop" pavement marking on the east side of the crossing. The Stop pavement markings have previously been removed from the west side approach.



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12. Periwinkle Way at Roadside Park

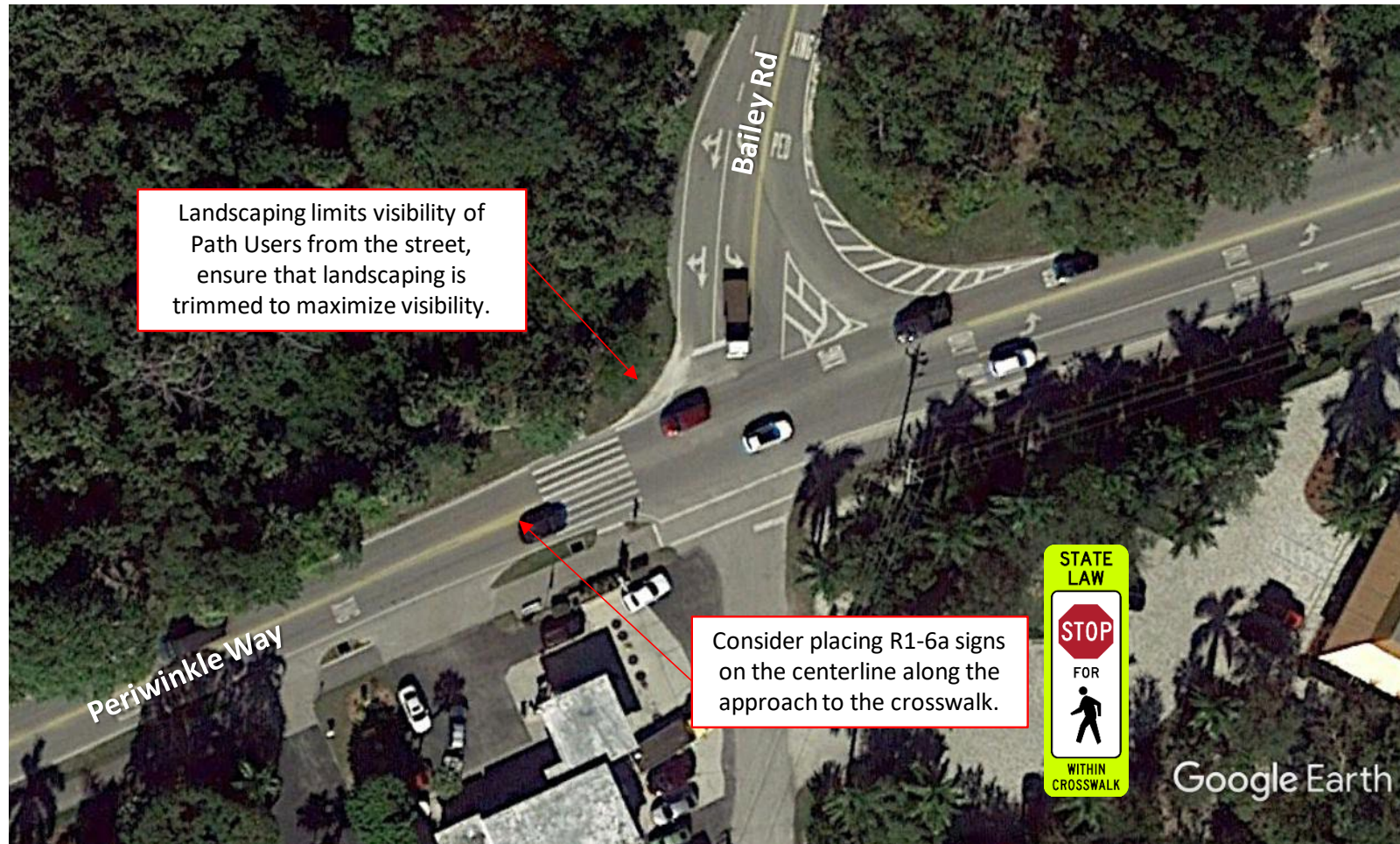


Concern:	Vegetation limits motorist visibility of Path users approaching the existing crossing.
Suggestion:	Consider installing mini-stop signs (18"x18") along the Path for the north and south crossings. Additionally, visibility of the southbound crossing and main path is limited by vegetation, consider adding caution markings on the southbound approach to the main Path.



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13. Periwinkle Way at Bailey Road

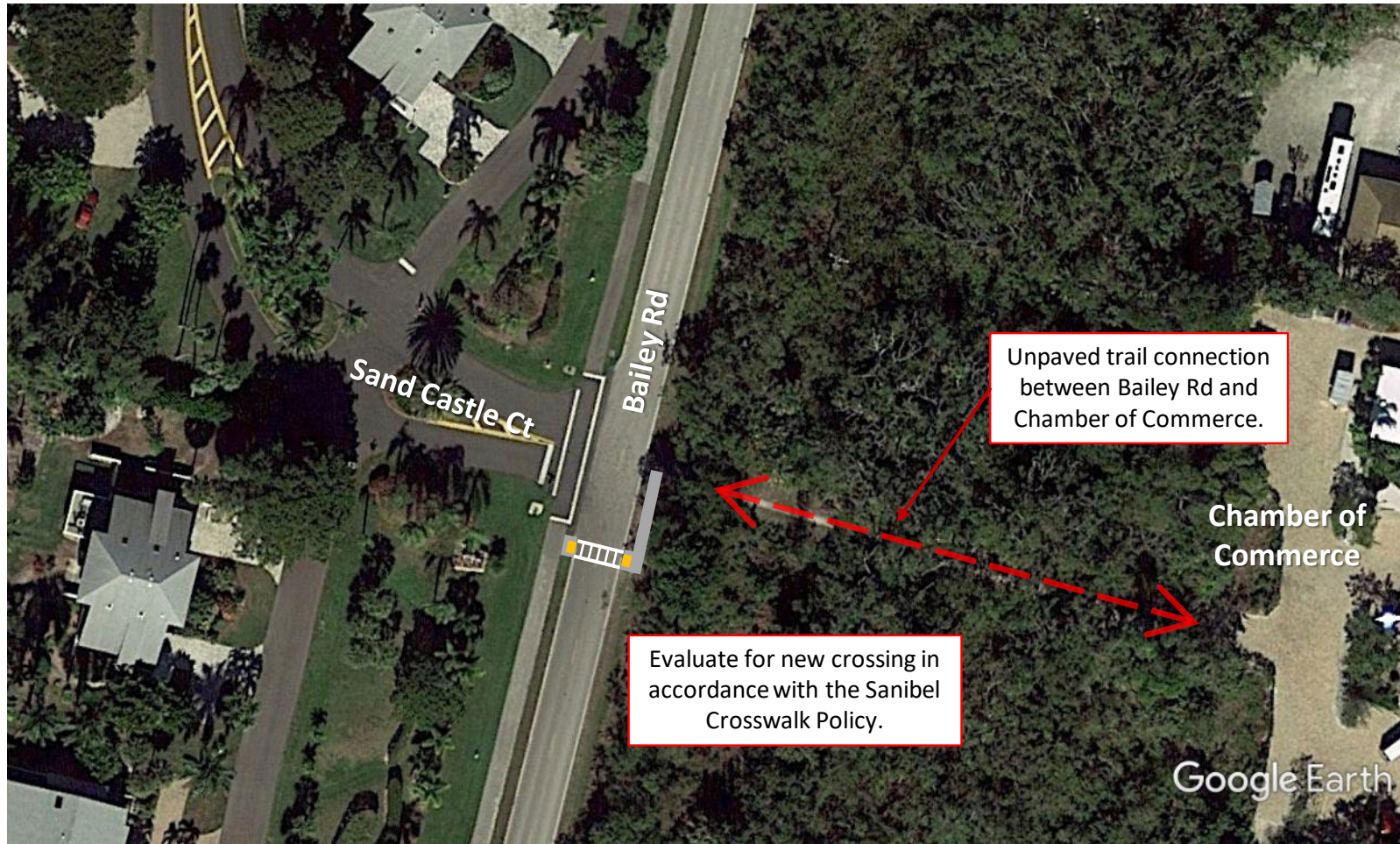


Concern:	Limited visibility and merging westbound traffic make this a complex crossing.
Suggestion:	Ensure that landscaping in the northwest quadrant of the intersection is trimmed to maximize Path visibility. Additionally, consider installing R1-6a signs along the roadway centerline on the approaches to the crosswalk to enhance crosswalk visibility.



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14. Bailey Road at Sand Castle Court

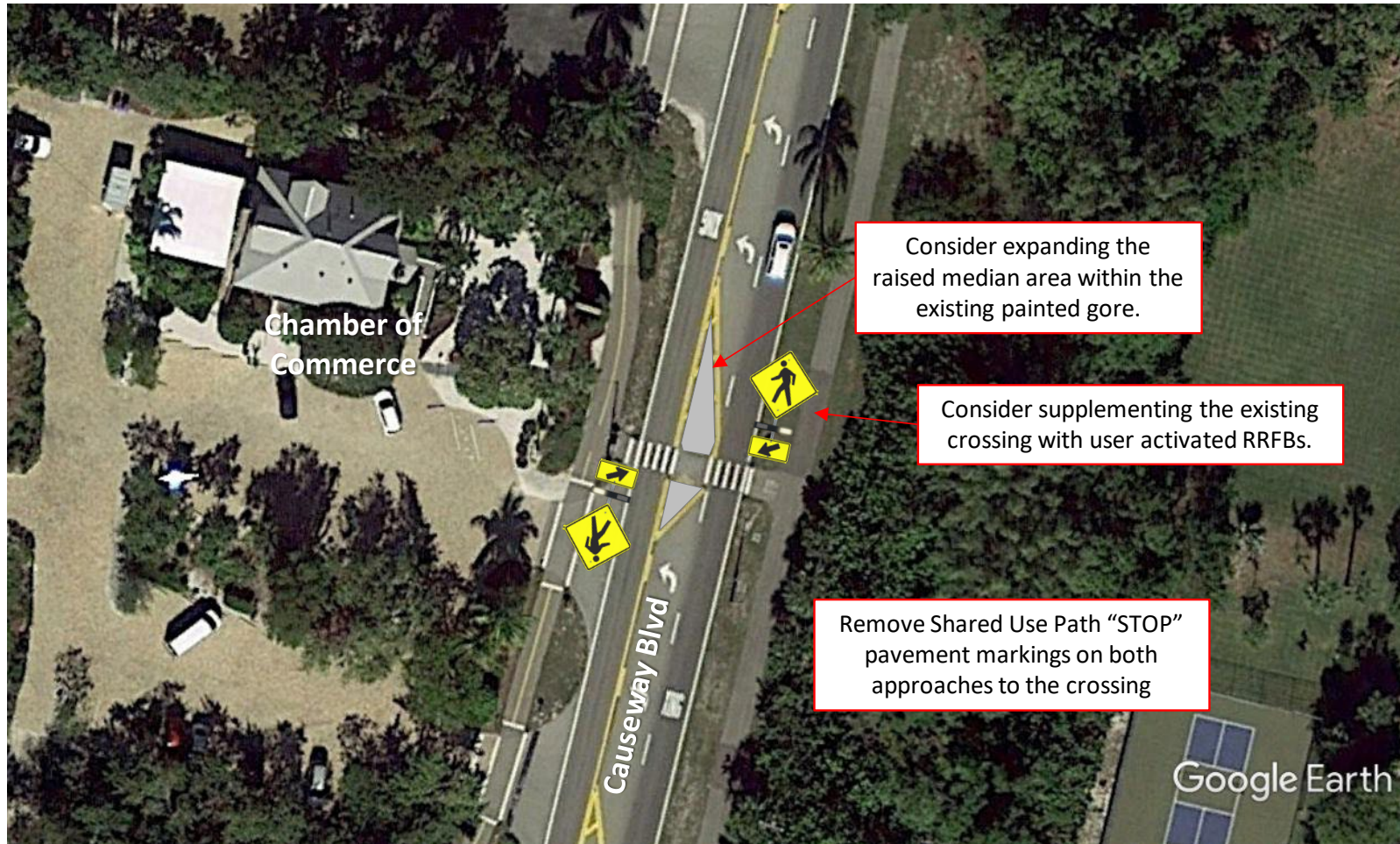


Concern:	Many users utilize the unpaved trail connection between the Chamber of Commerce and Bailey Road, visibility of the trail connection at Bailey Road is limited.
Suggestion:	Evaluate crossing demand and the feasibility of a new crossing near the intersection of Bailey Road and Sand Castle Court.



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15. Causeway Boulevard at Chamber of Commerce



Concern:	High volume roadway with frequent crossings.
Suggestion:	Supplement and enhance visibility of the existing crossing by installing either user activated RRFBs or in-pavement flashing puck lights. Additionally, consider expanding the existing raised median within the currently painted gore area to provide a more robust physical barrier for crossing Path users.



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16. Periwinkle Way at Yachtsman Drive



Concern:	Path users frequently cross at this location to access the Sanibel Marina and Gramma Dot's
Suggestion:	Evaluate the existing crossing demand and feasibility, in accordance with the City's Crosswalk Policy, of installing a new crossing at this intersection. In addition to evaluating conditions at the intersection, evaluate sight distances and visibility on the eastbound approach over the bridge.