

Section Two DESIGN GUIDELINES

TYPICAL SCHOOL CONNECTION PLAN

SOUTH MIAMI SENIOR HIGH CONNECTION

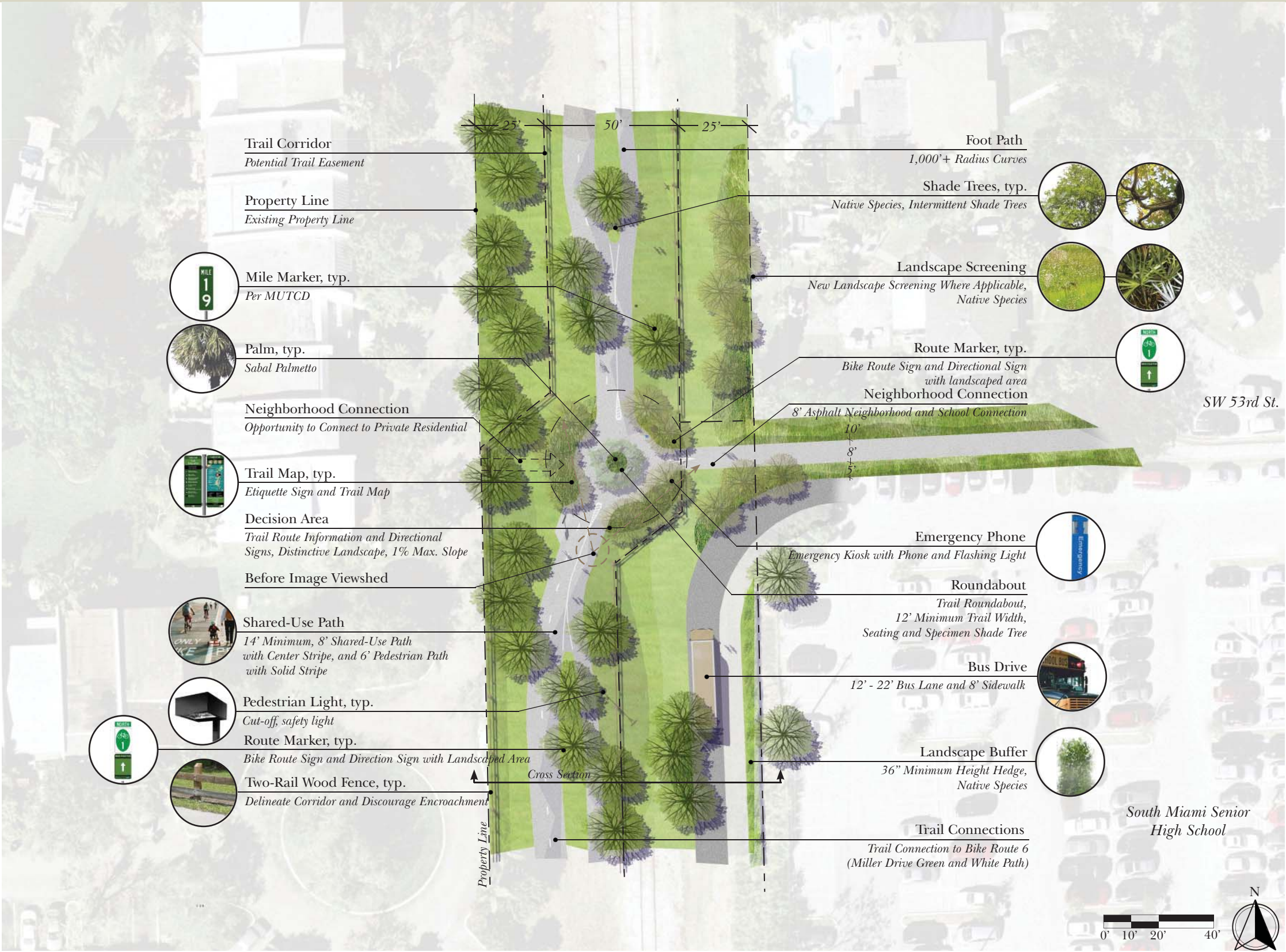
There are five (5) schools located within a quarter mile of the Ludlam Trail corridor, including one (1) high school and one (1) middle school. Many of these students will depend on Ludlam Trail to provide a safe route to school each morning. Efforts have been taken to ensure a safe connection to each school and this includes the use of trail signage, neighborhood connection sidewalks and separation of motorized traffic from trail users.

South Miami Senior High currently relies on neighborhood streets for bus loading. This school connection concept utilizes a bus lane which would be connected at Miller Drive to the south and connect to the school's existing parking and drop-off lot. A sidewalk would be located along this bus lane to provide ample student loading and unloading space for buses.

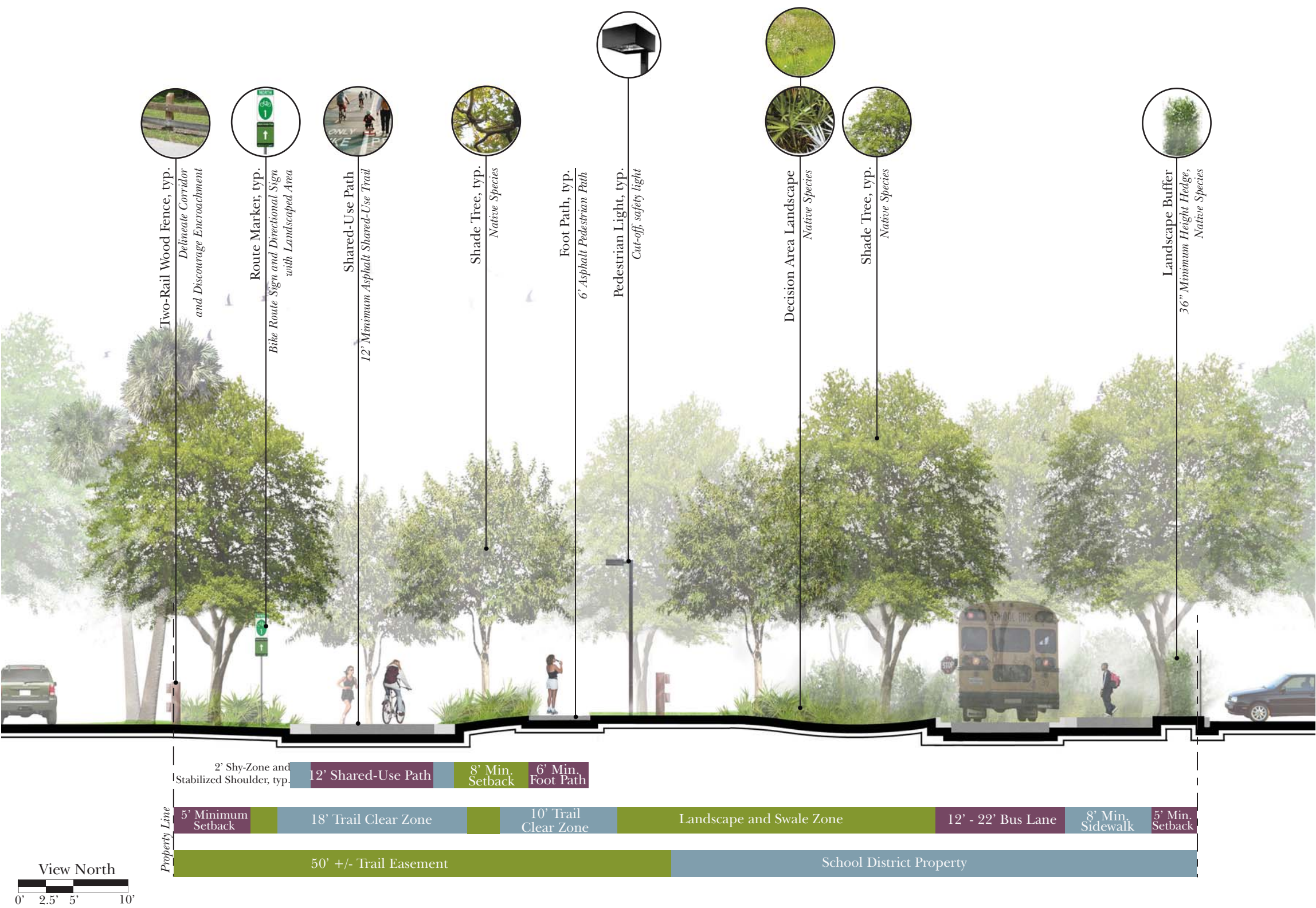
The corridor plan shows a possible solution to trail design if easements were utilized. A fifty (50) foot trail easement would be planned, allowing private ownership of the corridor property.

Highlights of the plan include:

- Typical school connection route
- Neighborhood, street and school sidewalk network connections
- Typical trail roundabout
- Trail seating opportunity
- A safe school bus lane with sidewalk
- Potential connection opportunities to private residential development
- Similar conditions at South Miami Elementary School



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**TYPICAL SCHOOL CONNECTION
CROSS-SECTION**

SOUTH MIAMI SENIOR HIGH CONNECTION

Connections to schools are vital parts of a functioning trail system. The Ludlam Trail corridor presents five (5) opportunities to develop connections to schools, with three being immediately adjacent to the corridor. Where possible, school connections should also be neighborhood connection points to provide maximum usage.

With higher levels of pedestrian and bicycle traffic expected around schools, any school connection should intersect Ludlam Trail at a roundabout. A trail roundabout allows for smooth decision making movements and lessens the conflict opportunities between trail users. Each roundabout can become a focal point for the surrounding neighborhood with the use of specimen trees and visually distinctive landscape.



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BEFORE IMAGE

The 'before' image to the right offers a view of existing conditions of the Ludlam corridor at South Miami Senior High School. The corridor in this area is currently free of encroachment and has limited existing vegetation within the corridor property.



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AFTER IMAGE

The South Miami Senior High School connection ‘after’ image to the left shows the layout of a ‘trail roundabout’ with an eight (8) foot sidewalk connection to the school. Students and other trail users will be able to safely travel to school via the Ludlam Trail.

