

# Traffic Study EXECUTIVE SUMMARY

PLEASANT HILL ROAD | STEVE REYNOLDS BOULEVARD | SATELLITE BOULEVARD



AUGUST 2013



## EXECUTIVE SUMMARY

# Traffic Study

## PLEASANT HILL ROAD | STEVE REYNOLDS BOULEVARD | SATELLITE BOULEVARD

### Study Background and Purpose

There are few locations within Metro Atlanta that have challenges and opportunities similar to greater Gwinnett Place in relation to traffic patterns. The area includes Gwinnett Place Mall, numerous retail developments, offices, medical facilities, and residential areas. This combination of uses has led to significant traffic volumes for local trips within the Gwinnett Place area in recent years. This traffic is combined with large volumes of traffic traveling to and from the commercial centers, as well as significant commuter traffic, traveling to and from the I-85 corridor and destinations in Gwinnett County and North Fulton County.

In addition, the Gwinnett Place area has experienced recent growth and the amount of vacant retail space has decreased significantly. However, a large amount of commercial retail space remains unused, providing opportunities for redevelopment of key areas. The Gwinnett Place Community Improvement District (CID) has taken a leadership role in identifying transportation needs and solutions in the Gwinnett Place area. This has led to the development and funding of several improvement projects, including the diverging diamond interchange (DDI), recently implemented at I-85 and Pleasant Hill Road.

In order to provide a plan for sustainable growth and to foster development of a community where people can live, work, and recreate within the community, Gwinnett Place CID participated in a Livable Centers Initiative (LCI) study in coordination with the Atlanta Regional Commission (ARC). The original LCI study was completed in 2002 and a ten-year update was performed in 2012. This update included a significant re-visioning of the Gwinnett Place Mall area to develop plans to support revitalization of this area. One of the recommendations of the LCI 10-year Update was to perform a more detailed look at the traffic along the Pleasant Hill Road, Steve Reynolds Boulevard, and Satellite Boulevard corridors. This study accomplishes that recommended analysis and provides transportation recommendations that are consistent with the LCI study and reflective of the more detailed analysis performed.



Gwinnett Place  
LCI Update,  
August 2012,  
Figure 3.5:  
Concept Master  
Plan



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The purpose of the Traffic Study is to examine traffic operations, pedestrian, and bicycle needs along the corridors and recommend improvements to address traffic congestion and promote a safe and attractive walking environment. The recommendations are focused on short- to mid-term projects to address current congestion and walkability needs.

## Methodology

The Traffic Study addressed 36 intersections along the following three corridors:

- Pleasant Hill Road from Club Drive to Shorty Howell Park
- Steve Reynolds Boulevard from Club Drive to Pleasant Hill Road
- Satellite Boulevard from West Liddell Road to Old Norcross Road (east)

The methodology for the Traffic Study included:

- Collection and review of existing conditions
- Review of previous plans
- Traffic analysis of intersections and roadway segments
- Identification of needs related to traffic, pedestrians, bicycles, and transit access
- Development and evaluation of potential solutions
- Preparation of draft and final recommendations

An important component of the Traffic Study was the incorporation of comments provided by the Stakeholder Committee. The study team met with stakeholders at three points during the study to discuss transportation needs, potential solutions, and draft recommendations. The input provided by the committee was very helpful to the development of effective improvements.

## Existing Conditions and Needs

Traffic analysis was combined with field observation to determine transportation needs during the AM peak period, PM peak period, and Saturday midday peak period. This analysis and observation indicated the following transportation needs:

- **Reduce Traffic Congestion:** Minor traffic congestion occurs at several intersections in the study area. However, severe congestion occurs primarily at three locations:
  - Pleasant Hill Road at I-85: This severe congestion has been largely addressed by implementation of the DDI. However, growth is anticipated to result in additional congestion in future years.





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- Pleasant Hill Road at Club Drive: This intersection experiences moderate northbound congestion during the AM peak hour. However, during the PM peak hour and on Saturday, the southbound direction and eastbound /westbound directions experience significant delay. This has increased since the implementation of the DDI, since the bottleneck at I-85 has been removed and more traffic reaches the Club Drive intersection.



- Steve Reynolds Boulevard at Venture Drive: This intersection experiences severe congestion during the Saturday Midday peak period. Heavy volumes traveling through the area are combined with heavy traffic traveling to and from the retail commercial businesses along Venture Drive.



- ***Improve Conditions for Walking Along and Crossing Major Roads:*** The GPCID in coordination with Gwinnett County DOT have added new sidewalk and streetscape in many areas. However, the need to connect the commercial areas to nearby residential areas was identified. In addition, improvements to intersection crossings are needed to facilitate crossings of multilane roads. Streetlights are also needed to support pedestrian visibility and security at night.
- ***Provide Pedestrian and Bicycle Connections to Schools, Parks, and Commercial Centers:*** Providing connections between neighborhoods and community facilities for walking and bicycling is critical to creating a walkable community. Additional connections are needed to tie in neighborhoods to and through commercial areas.
- ***Improve Transit Connection to Commercial Center and LCI Redevelopment Area:*** Providing improvements to facilitate effective use of transit is important. A transit transfer center is present along Satellite Boulevard at Gwinnett Plantation Way. This facility is occupied by people waiting to change from one bus route to another. In addition, this area serves a large, common bus stop with pedestrians walking in several directions from the center to access work and residential destinations. The section of Pleasant Hill Road from Sweetwater Road to Satellite Boulevard has many retail commercial businesses, but is not currently served by local transit.



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### Recommendations

The Traffic Study of Pleasant Hill Road, Steve Reynolds Boulevard, and Satellite Boulevard resulted in 58 recommended projects and actions that could be planned for implementation over the next 20 years. In addition, ten projects were identified for implementation in coordination with future redevelopment projects. These projects are listed in Table E-1 and grouped by potential implementation timeframe. The projects are shown graphically in Figures E-1, E-2, and E-3, indicating recommended projects for Roadways and Intersections, Pedestrian crossings, and pedestrian and bicycle connections, respectively. Following this information, project data sheets are provided for each project, indicating the project location, description, justification, and estimated costs.

### ROADWAY AND INTERSECTIONS

Roadway and intersection related improvements are shown in Figure E-1. These include minor intersection improvements at several locations. They also include major intersection improvements to address congestion at the Pleasant Hill Road at Club Drive and Steve Reynolds Boulevard at Venture Drive intersections, which serve as bottlenecks to traffic flow during the PM and Saturday peak periods, respectively. The primary roadway improvement recommendations include:

- New connections of local roads
- Widening of Venture Drive and realignment to Gwinnett Place Drive (planned/in design)
- Construction of the West Liddell Road extension over I-85 (previously planned)

In addition to roadway and intersection improvements, improvement to enhance signal coordination systems and provide driver information were recommended to balance utilization of the Pleasant Hill Road and Steve Reynolds Boulevard corridors.

### PEDESTRIAN CROSSINGS

Pedestrian crossing related improvements are shown in Figure E-2. Enhancing pedestrian crossings is an important component of the recommendations. Creating a walkable community in areas with six lane roads is a challenge, as these roads serve as a barrier to pedestrian activity. The pedestrian crossing recommendations focus on providing a clear message to pedestrians regarding these crossings; by expanding right turn channelization islands to provide a concrete island with pedestrian refuge or removing the islands to provide a straight crossing.

### PEDESTRIAN AND BICYCLE CONNECTIONS

Improvements to pedestrian and bicycle connections are shown in Figure E-3. These improvements fill in the gaps in the current sidewalk network and provide trail connections between neighborhoods, commercial centers, schools, and parks. This component is currently absent in the study area. However the distances needed to satisfy local trips via bicycles travel modes are well within those typically used



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by even less experienced cyclists. Providing an effective system of separated bike trails will accommodate a variety of users in this high traffic area. In addition to serving local travel needs, the recommended trail connection provide links to facilities identified in Gwinnett County's Greenway Master Plan, including access along Club Drive, Sweetwater Road, and Venture Drive.

Another important component to pedestrian and bicycle connectivity is its ability to provide access to transit. In addition to the sidewalk, trail, and pedestrian crossing improvements recommended in this study, modification of a county bus route to serve the area along Pleasant Hill Road from Sweetwater Road to Satellite Boulevard is also recommended.

## Funding and Implementation

The projects indicated in the Traffic Study build upon recommendations provided in the Gwinnett Place Livable Centers Initiative Update and are consistent with the goals of the Gwinnett County Comprehensive Transportation Plan (CTP). Potential funding sources for these projects include:

- Federal Funding through the Surface Transportation Program (STP) and National Highway Performance Program (NHPP)
- Livable Centers Initiative (LCI) Implementation Funding
- Congestion Mitigation and Air Quality (CMAQ) Funding
- Transportation Alternatives (TA) Funding
- Local funding through Gwinnett County and Gwinnett Place CID

Figure E-1

# PRELIMINARY RECOMMENDATIONS: ROAD & INTERSECTION IMPROVEMENTS



## Intersection Operational Improvements

- |  |                          |                            |
|--|--------------------------|----------------------------|
| Intersection Improvement                     | Lane Extension           | Future Grade Separation    |
| Traffic Responsive Signal Timing/ITS Upgrade | New Access Point         | Future Roadway Connection  |
| Changeable Message Signs                     | Intersection Restriping  | Install Raised Median      |
|  | Reconstruct as Boulevard | Roadway Widening/Alignment |

0 500 1,000 2,000 3,000 4,000 Feet



# PRELIMINARY RECOMMENDATIONS: PED CROSSING IMPROVEMENTS



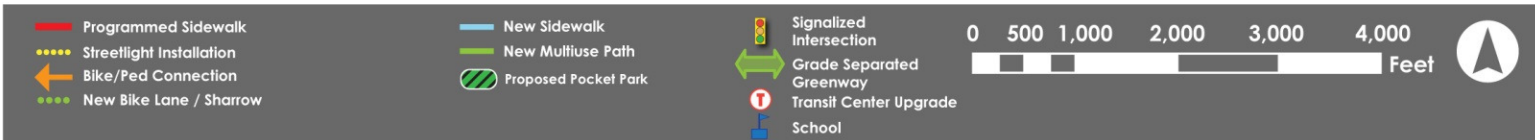
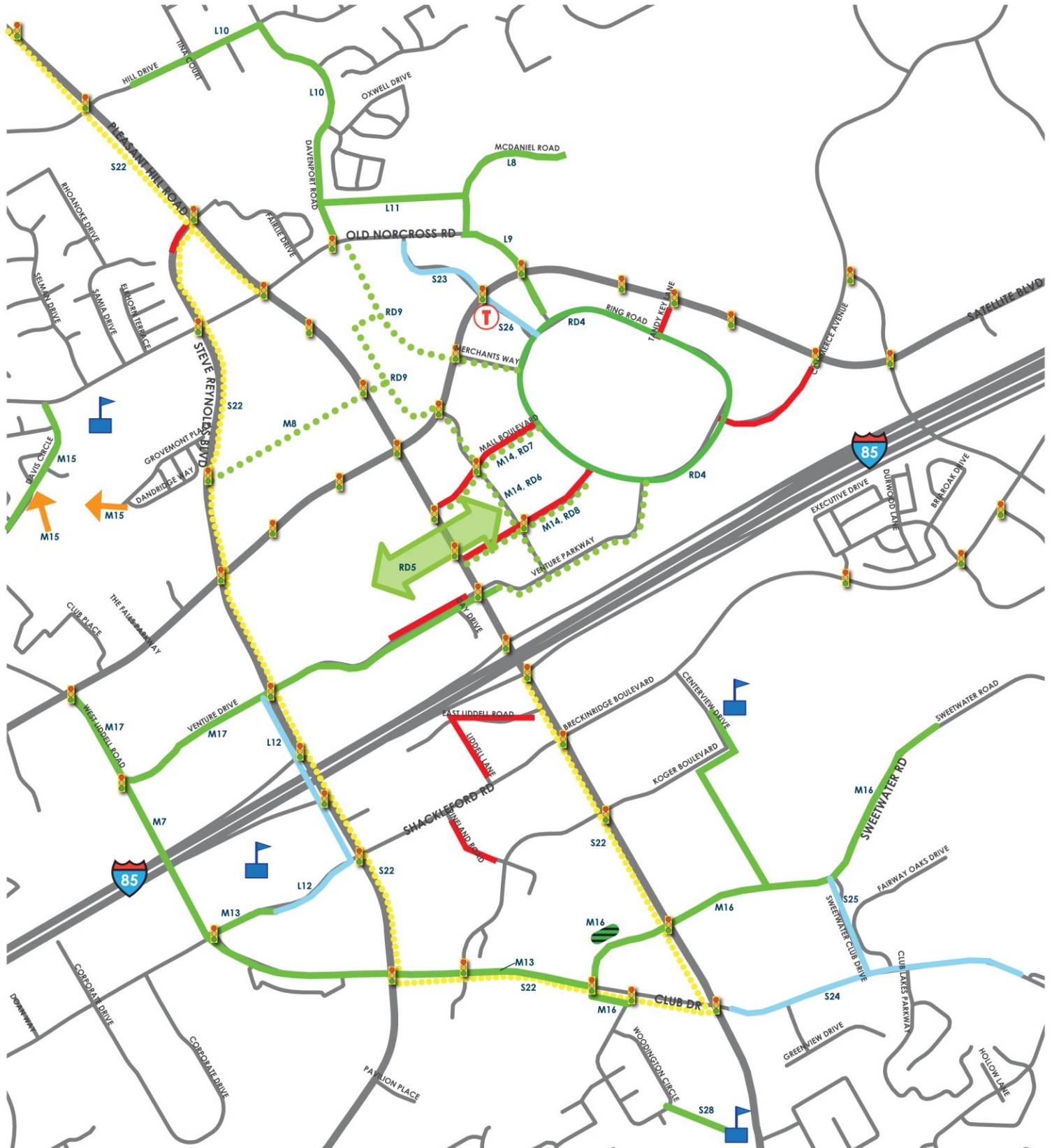
- Replace painted island with concrete island and relocate pedestrian signals to island
- Remove striped island and yield sign and install stop bar
- DDI Interchange Pedestrian Improvements
- Install crosswalk with pedestrian signal phase
- Install crosswalk
- Install pedestrian countdown timers

0 500 1,000 2,000 3,000 4,000 Feet



Figure E-3

# PRELIMINARY RECOMMENDATIONS: PED/BIKE CONNECTIONS



Gwinnett Place CID - Intersection Improvement Traffic Studies - Preliminary List of Improvements  
(Short Term - 2013-2016 / Mid-Term 2017-2023 / Long-Term-Beyond 2023 / RD- with Redevelopment)

Ref No.	Name	Type	Project Description	Imp. Time	LCI Project Ref	Goals								Costs							
						Reduce Congestion /Improve Operations	Increase System Connectivity	Serves Growth in Travel Demand	Increase Utilization of Steve Reynolds	Improve Traffic Safety	Improve Pedestrian Crossing Safety	Sidewalk /Bike Connections to Activity Areas	Enhance Access to Transit	Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
Improve Congested Intersections and Roadway Segments - Pleasant Hill Road																					
S-1	Pleasant Hill Rd at North Berkley Lake Rd - Median Nose Improvement	Minor Roadway	Pleasant Hill Rd at North Berkley Lake Rd - Increase radius of NB dual left turn by pulling back median nose on west side of intersection. Lengthen receiving area for dual left turns to extend past shopping center entrance.	S		✓		✓						2014	\$18,400	NA	\$0	2014	\$92,000	\$18,400	\$128,800
S-2	Pleasant Hill Rd at Old Norcross Rd - Right Turn Lane Modification	Intersection	Pleasant Hill Rd at Old Norcross Rd - Remove channelization and yield sign for the WB right turn movement and install right turn overlap indication for the EB and WB right turn movements.	S	O-2	✓		✓		✓				2014	\$3,000	NA	\$0	2014	\$6,000	\$1,200	\$10,200
S-3	Pleasant Hill Road at Club Drive - Access Modification to Remove U-Turn Conflict	Minor Roadway	Club Dr at Pleasant Hill Rd - Remove NB U-turn Conflict - Provide left turn into development on southwest quadrant, connect parcels east of Pleasant Hill Rd to Corely Rd, and prohibit NB U-turn from Pleasant Hill Rd at Club Dr.	S	O-2	✓			✓	✓				2014	\$24,000	2015	\$21,600	2016	\$120,000	\$24,000	\$189,600
S-4	Pleasant Hill Road at Club Drive - Intersection Modifications (PE Only)	Intersection	Pleasant Hill Rd at Club Dr - Provide triple left turn NB and channelized dual right turn EB. Add a third through lane EB and WB on Club Drive.	S	O-2	✓		✓	✓					2014	\$112,500	NA	\$0	NA	\$0	\$0	\$112,500
M-1	Pleasant Hill Road at Club Drive - Intersection Modifications	Intersection	Pleasant Hill Rd at Club Dr - Provide triple left turn NB and channelized dual right turn EB. Add a third through lane EB and WB on Club Drive.	M	O-2	✓		✓	✓					NA	\$0	2015	\$247,500	2016	\$750,000	\$150,000	\$1,147,500
M-2	Pleasant Hill Rd at Crestwood Pkwy/Koger Blvd - Right Turn Lane	Intersection	Pleasant Hill Rd at Crestwood Pkwy/Koger Blvd - Add a right turn lane on the northbound approach.	M				✓						2017-2023	\$9,190	2017-2023	\$6,893	2017-2023	\$45,950	\$9,190	\$71,223
M-3	Pleasant Hill Rd at Breckinridge Road Intersection Improvement	Intersection	Pleasant Hill Rd at Breckinridge Rd - Provide westbound dual left turns and add a southbound right turn lane.	M		✓		✓						2017-2023	\$50,000	2017-2023	\$162,500	2017-2023	\$250,000	\$50,000	\$512,500
M-4	Pleasant Hill Rd at Venture Parkway Access Road	Access Management	Construct 2-lane access road from Venture Parkway east of Pleasant Hill Road extending south towards I-85. This access road will provide backside access to parcels adjacent to Pleasant Hill Road.	M		✓	✓							2017-2023	\$140,000	2017-2023	\$105,000	2017-2023	\$700,000	\$140,000	\$1,085,000
L-1	Pleasant Hill Rd at Club Drive - Major Intersection Capacity Improvement	Major Intersection	Pleasant Hill Rd at Club Dr - Provide major capacity improvement (flyover for NB left turn lanes, Left Turn Overpass, or Continuous Flow Intersection[CFI]).	L		✓		✓	✓	✓				2024-2040	\$2,903,455	2024-2040	\$2,177,591	2024-2040	\$14,517,273	\$2,903,455	\$22,501,773
RD-1	Pleasant Hill Rd at Satellite Blvd - Major Intersection Capacity Improvement	Major Intersection	Pleasant Hill Rd at Satellite Blvd - Provide major intersection capacity improvement (Left Turn Overpass or Continuous Flow Intersection[CFI]).	RD		✓		✓		✓											
Improve Congested Intersections and Roadway Segments - Steve Reynolds Boulevard																					
S-5	Steve Reynolds Blvd at Pleasant Hill Rd - Median Nose Modification	Minor Roadway	Steve Reynolds Blvd at Pleasant Hill Rd - Increase radius of EB triple left turn by pulling back median nose on north side of intersection.	S		✓		✓	✓	✓				2014	\$2,000	NA	\$0	2014	\$6,000	\$1,200	\$9,200
S-6	Venture Dr at Steve Reynolds Blvd - Lane Alignment Changes	Pavement Marking	Venture Dr at Steve Reynolds Blvd Lane Alignment Changes - Restripe northbound approach to align left lane departing the I-85 NB intersection with left most through lane for Venture Drive and right lane departing the I-85 NB intersection with center through lane for Venture Drive. Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.	S	O-4	✓			✓	✓				2014	\$5,000	NA	\$0	2014	\$16,000	\$3,200	\$24,200
S-7	Venture Dr at Steve Reynolds Blvd - Dual Left Turns (PE Only)	Intersection	Venture Dr at Steve Reynolds Blvd - Install NB, SB, and EB dual left turns. Convert NB right turn free flow lane to NB right turn channelized with overlap phase. Extend NB right turn lane and install SB right turn lane.	S	O-4	✓		✓	✓	✓	✓			2014	\$114,182	NA	\$0	NA	\$0	\$0	\$114,182
M-5	Venture Dr at Steve Reynolds Blvd - Dual Left Turns	Intersection	Venture Dr at Steve Reynolds Blvd - Install NB, SB, and EB dual left turns. Convert NB right turn free flow lane to NB right turn channelized with overlap phase. Extend NB right turn lane and install SB right turn lane.	M	O-4	✓		✓	✓	✓	✓			NA	\$0	2015	\$115,000	\$2,016	\$638,909	\$127,782	\$881,691
M-6	Steve Reynolds Boulevard at Shackleford Road Intersection Improvement	Intersection	Shackleford Rd at Steve Reynolds Blvd - Extend westbound right turn lane. Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on NE corner.	M		✓								2017-2023	\$23,578	2017-2023	\$17,684	2017-2023	\$117,892	\$23,578	\$182,732
L-2	Steve Reynolds Blvd at Satellite Blvd - Major Intersection Capacity Improvement	Major Intersection	Steve Reynolds Blvd at Satellite Blvd - Provide 3rd Through Lane Northbound and Southbound through intersection.	L		✓		✓	✓					2024-2040	\$79,091	2024-2040	\$59,318	2024-2040	\$395,456	\$79,091	\$612,957
L-3	Venture Dr at Steve Reynolds Blvd - Underpass	Major Intersection	Venture Dr at Steve Reynolds Blvd - Provide underpass for Venture Dr through lanes.	L		✓	✓	✓	✓	✓	✓			2024-2040	\$2,903,455	2024-2040	\$2,177,591	2024-2040	\$14,517,273	\$2,903,455	\$22,501,773
L-4	Club Dr at Steve Reynolds Blvd - Left Turn Lane Modification	Intersection	Club Dr at Steve Reynolds Blvd - Provide triple left turn lanes southbound.	L		✓		✓	✓					2024-2040	\$39,091	2024-2040	\$29,318	2024-2040	\$195,455	\$39,091	\$302,955
Improve Congested Intersections and Roadway Segments - Other Locations																					
S-8	Satellite Blvd at Old Norcross Road (west) - Right Turn Lane Modification	Minor Roadway	Satellite Blvd at Old Norcross Road (west) - Extend WB right turn lane to upstream signal by connecting right turn deceleration lanes. Install pedestrian and vehicle signals on free-flow right turn lane to provide signalized pedestrian crossing. Install Pedestrian crossing signals and crosswalk on east side of intersection.	S	C-15	✓		✓		✓	✓	✓	✓	2014	\$13,700	2015	\$25,700	2016	\$78,000	\$15,600	\$133,000
S-9	Venture Dr at West Liddell Dr - Intersection Restriping	Intersection	Venture Dr at West Liddell Dr - Improve unsignalized intersection (Restripe to provide single lane approaches at multiway stop with channelized WB right turn and crosswalks).	S		✓				✓	✓			2014	\$2,500	NA	\$0	2014	\$8,000	\$1,600	\$12,100

Gwinnett Place CID - Intersection Improvement Traffic Studies - Preliminary List of Improvements  
(Short Term - 2013-2016 / Mid-Term 2017-2023 / Long-Term-Beyond 2023 / RD- with Redevelopment)

Ref No.	Name	Type	Project Description	Imp. Time	LCI Project Ref	Goals								Costs							
						Reduce Congestion /Improve Operations	Increase System Connectivity	Serves Growth in Travel Demand	Increase Utilization of Steve Reynolds	Improve Traffic Safety	Improve Pedestrian Crossing Safety	Sidewalk /Bike Connections to Activity Areas	Enhance Access to Transit	Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
S-10	Shackleford Road at Medical Center - Modification to Site Access	Signal / Driveway	Shackleford Road at Medical Center - Modify access to Medical Center and Farmers Market to reduce conflicts (Signalize or relocate Farmers Market Driveway to west).	S		✓				✓				2014	\$19,500	NA	\$0	2015	\$130,000	\$26,000	\$175,500
S-11	Club Dr at Steve Reynolds Blvd - Widen Median for U-Turns.	Intersection	Club Dr at Steve Reynolds Blvd - Widen median area to allow U-turns for southbound direction.	S		✓		✓	✓	✓				2014	\$23,000	2015	\$20,700	2016	\$115,000	\$23,000	\$181,700
L-5	Satellite Blvd at Old Norcross Road (west) - Left Turn Modifications	Minor Roadway	Satellite Blvd at Old Norcross Road (west intersection) - Provide Southbound triple left turn.	L		✓		✓						2024-2040	\$18,182	2024-2040	\$13,636	2024-2040	\$90,909	\$18,182	\$140,909
L-6	Old Norcross Road - Median Installation	Median	Install a raised, landscaped median along Old Norcross Road from Satellite Blvd to west of Steve Reynolds Blvd (widen median from 12' to 20').	L		✓		✓		✓				2024-2040	\$147,784	2024-2040	\$110,838	2024-2040	\$738,921	\$147,784	\$1,145,328
Provide Roadway Connections to Facilitate Effective Movement																					
S-12	Venture Drive - Widening from Steve Reynolds Blvd to Day Drive	Major Roadway	Venture Drive Widening - Widen Venture Drive to 4-lanes from Steve Reynolds Blvd to Day Drive and realign to tie in with current Venture Drive at Gwinnett Place Drive intersection improvement project. Include 10' Multi-use path on south side of Venture Drive.	S	R-8 / C-19	✓	✓	✓		✓		✓		2014	\$186,200	2015	\$307,200	2016-2017	\$931,000	\$186,200	\$1,610,600
S-13	Venture Drive Connector	Major Roadway	Construct 4-lane Venture Drive Connector from Day Drive to Gwinnett Place Drive.	S	R-8	✓	✓	✓	✓					2014	\$194,000	2015	\$1,735,000	2016-2017	\$1,134,000	\$226,800	\$3,289,800
S-14	Interparcel Connections	Minor Roadway	Provide interparcel connections to facilitate local traffic circulation - South of Venture Drive between Signature Furniture and Studio Movie Grill - North side of Venture Drive between Target shopping center and Ashley Furniture Shopping center - Market Place Development and Sweetwater Road - East of Pleasant Hill Road between Golden House Restaurant and Pleasant Hill Plaza - East side of Pleasant Hill Road from Fairlie Drive to Park Village Shopping Center.	S	R-4		✓	✓		✓				Coordination by Gwinnett Place CID for Interparcel Connections by Property Owners							
S-15	West Liddell Rd to Club Dr Connector (PE Only)	Major Roadway	West Liddell Rd to Club Dr Connector - New 4-lane roadway with 10' Multi-use path on one side and 5' sidewalk on the other side from Club Dr to Venture Drive including and overpass at I-85. (PE ONLY - This cost is for the planning and engineering of improvements. The total construction cost is estimated at \$20 million).	S	R-9	✓	✓	✓						2015-2016	\$750,000	NA	\$0	NA	\$0	\$0	\$750,000
M-7	West Liddell Rd to Club Dr Connector	Major Roadway	West Liddell Rd to Club Dr Connector - New 4-lane roadway with 10' Multi-use path on one side and 5' sidewalk on the other side from Club Dr to Venture Drive including and overpass at I-85.	M	R-9	✓	✓	✓						NA	\$0	2017-2018	\$7,000,000	2019-2021	\$13,100,000	\$0	20,100,000
M-8	Chesden Road Improvement	Complete Street	Chesden Road improvement - Upgrade existing interparcel road to meet current roadway standard with proper pavement markings, curb and gutter, sidewalks, and sharrow markings or bike lanes.	M			✓					✓		2017-2023	\$54,167	2017-2023	\$40,626	2017-2023	\$270,837	\$54,167	\$419,797
L-7	North Berkley Lake Road Extension	Major Roadway	North Berkley Lake Rd Extension - Extend North Berkley Lake Rd south to Steve Reynolds Boulevard on the west side of the commercial property (3 lanes with 5' sidewalk on one side); prohibit the southbound left-turn movement at the new intersection with Steve Reynolds Blvd.	L		✓	✓	✓	✓					2024-2040	\$257,841	2024-2040	\$193,381	2024-2040	\$1,289,206	\$257,841	\$1,998,269
RD-2	Davenport / Merchants way Connector	Complete Street	Connect Davenport Rd to Merchants Way through commercial area with redevelopment - Construct as a complete street with two through lanes, bike lanes, and sidewalk. Construct bike lanes on Merchants Way from Satellite Blvd to Ring Rd.	RD	R-11		✓					✓	✓								
RD-3	Pleasant Hill Road Reconstruction	Complete Street	Pleasant Hill Road - Reconstruct Pleasant Hill Road from Venture Dr to North of Satellite Blvd to provide a Complete Street Six lane Road including wide median, buffered multi-use path and sidewalk - Coordinate with redevelopment of LCI target area.	RD				✓				✓									
ITS and Signal Timing Upgrades																					
S-16	Travel Time Data Monitoring	ITS	Install System to Gather Travel Time Data from Blue Tooth Devices along the following corridors (includes five years monitoring cost):	S	O-1	✓								2015	\$19,500	NA	\$0	2015	\$130,000	\$26,000	\$175,500
			Pleasant Hill Rd from Club Drive to Steve Reynolds Blvd (4 stations)																		
			Satellite Blvd from Steve Reynolds Blvd to Old Norcross Rd (3 stations)																		
			Steve Reynolds Blvd from Pleasant Hill Rd to Club Drive (3 stations)																		
S-17	Traffic Responsive Signal Timing	ITS	Install traffic responsive signal timing along Pleasant Hill Rd from Club Drive to Steve Reynolds Blvd, along Steve Reynolds Boulevard from Club Drive to Pleasant Hill Road, and along Satellite Boulevard from Old Norcross Road to Steve Reynolds Boulevard.	S	O-1	✓				✓				2016	\$160,000	NA	\$0	NA	\$0	\$30,000	\$190,000
M-9	Changeable Message Signs along Pleasant Hill Road	ITS	Install Changeable Message Signs along Pleasant Hill Rd with travel information for through vehicles - North of Steve Reynolds Blvd for SB traffic and south of Club Drive for NB traffic (4 signs total).	M		✓			✓					2017-2023	\$32,000	2017-2023	\$32,000	2017-2023	\$320,000	\$64,000	\$448,000

Gwinnett Place CID - Intersection Improvement Traffic Studies - Preliminary List of Improvements  
(Short Term - 2013-2016 / Mid-Term 2017-2023 / Long-Term-Beyond 2023 / RD- with Redevelopment)

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Pedestrian Crossing Safety and Visibility																					
S-18	Pedestrian Crossing Safety Modifications along Pleasant Hill Road:	Pedestrian	Pedestrian Crossing Safety Modifications along Pleasant Hill Road:	S	C-6 / O-2																
			Old Norcross - Remove right turn island striping on NE and SW corners and install stop bars.																		
			Satellite Blvd - Replace striped islands with concrete islands with ADA ramps and pedestrian crossing indications on SE and SW corners. Remove striped island on NW corner.																		
			Sweetwater Road - Replace striped islands with concrete islands with ADA ramps and pedestrian crossing indications on NE and SE corners.																		
			Club Drive - Remove right turn island striping on NE corner and install stop bar.																		
			Install pedestrian signal heads with countdown timers at the intersections of Pleasant Hill Road at Club Drive, Sweetwater Road, Breckinridge Boulevard, Gwinnett Place Drive, Mall Boulevard, Satellite Boulevard, Gwinnett Station, and Old Norcross Road.																		
M-10	Pedestrian Crossing Safety Modifications along Pleasant Hill Road:	Pedestrian	Pedestrian Crossing Safety Modifications along Pleasant Hill Road	M	C-6																
			Shorty Howell Park - Remove right turn island striping on SE corner and install stop bar.																		
			North Berkley Lake Rd - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on NE corner. Remove striped islands on NE and SE corners and install stop bar at NE corner. Install crosswalk and pedestrian indications on south side of intersection.																		
			Steve Reynolds Blvd - Remove right turn island striping on SW corner and install stop bar.																		
			Gwinnett Station (Commercial Access North of Satellite Blvd) - Install crosswalks with pedestrian crossing indications for east, west, and south sides of the intersection.																		
			Breckinridge Blvd - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.																		
S-19	Pedestrian Crossing Safety Modifications along Steve Reynolds Boulevard	Pedestrian	Pedestrian Crossing Safety Modifications along Steve Reynolds Boulevard	S	C-16 / O-3 / O-4																
			Satellite Blvd - Remove striped islands on NW and SE corners and install stop bars.																		
			Chesden Dr - Install crosswalk on east side of intersection.																		
			Venture Drive - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.																		
			Club Drive - Remove right turn island striping on SW corner and install stop bar.																		
M-11	Pedestrian Crossing Safety Modifications along Steve Reynolds Boulevard	Pedestrian	Pedestrian Crossing Safety Modifications along Steve Reynolds Boulevard	M						✓	✓	✓		2017-2023	\$12,000	2017-2023	\$0	2017-2023	\$30,000	\$6,000	\$48,000
			I-85 SB - Add crosswalk and pedestrian crossing signal for movements crossing Steve Reynolds Boulevard and add a concrete channelization island in the northwest corner.																		
S-20	Pedestrian Crossing Safety Modifications along Satellite Boulevard	Pedestrian	Pedestrian Crossing Safety Modifications along Satellite Boulevard	S	C-16 / O-3																
			Mall Access Rd - Remove striped islands on NW corner and install stop bar.																		
			Market St - Install pedestrian signal heads and crosswalk on west side of intersection.																		
			In-Town Suites - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SE corner.																		
			West Liddell - Replace striped island on SW corner with concrete island.																		
			Install pedestrian signal heads with countdown timers at intersections with Steve Reynolds Boulevard, Market St, Merchants Way, Gwinnett Plantation Way, and Old Norcross Road.																		
M-12	Pedestrian Crossing Safety Modifications along Satellite Boulevard	Pedestrian	Pedestrian Crossing Safety Modifications along Satellite Boulevard	M																	
			Old Norcross Rd (east)- Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on NE corner.																		
			Tandy Key Lane - Realign crosswalk and install ADA ramps on north side of intersection. Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.																		
			Old Norcross Rd (west) - Install crosswalk with pedestrian signal heads on east side of the intersection																		

Gwinnett Place CID - Intersection Improvement Traffic Studies - Preliminary List of Improvements  
(Short Term - 2013-2016 / Mid-Term 2017-2023 / Long-Term-Beyond 2023 / RD- with Redevelopment)

Ref No.	Name	Type	Project Description	Imp. Time	LCI Project Ref	Goals								Costs							
						Reduce Congestion /Improve Operations	Increase System Connectivity	Serves Growth in Travel Demand	Increase Utilization of Steve Reynolds	Improve Traffic Safety	Improve Pedestrian Crossing Safety	Sidewalk /Bike Connections to Activity Areas	Enhance Access to Transit	Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
S-21	Pedestrian Crossing Safety Modifications - Various Locations	Pedestrian	Pedestrian Crossing Safety Modifications - Various Locations	S	C-15 / C-16						✓	✓	✓	2015	\$21,400	NA	\$0	\$2,016	\$107,000	\$21,400	\$149,800
			Club Drive at Woodington Circle - Install pedestrian signal heads with countdown timers on all legs and install a crosswalk on the west side of the intersection.																		
			Gwinnett Place Drive at Market Street - Install pedestrian signal heads with countdown timers, Brick paver crosswalks, and ADA ramps for all sides of the intersection.																		
			Old Norcross Road at Davenport Road - Install crosswalks and pedestrian signal heads with countdown timers at this intersection. Remove stripped island on SB approach an install stop bar.																		
S-22	Streetlights along Pleasant Hill Road, Club Drive, and Steve Reynolds Boulevard	Pedestrian	Streetlight Installation - Install streetlights along Pleasant Hill Road from Shorty Howell Park to Old Norcross Road (20), on Pleasant Hill Road from I-85 to Club Drive (20), on Club Drive from Pleasant Hill Road to Steve Reynolds Boulevard (15), and on Steve Reynolds Boulevard from Club Drive to Pleasant Hill Road. (40)	S	C-11/ C-12						✓	✓	✓	2015	\$25,200	NA	\$0	\$2,016	\$315,000	\$63,000	\$403,200
Multimodal Connectivity																					
S-23	Woodington Circle Multi-use Path Connection to Corley Elementary School	Multi-use Path	Woodington Circle Multi-use Path Connection to Corley Elementary School. Path goes around existing greenspace area.	S										2014	\$20,606	2015	\$15,455	2016	\$103,030	\$20,606	\$159,697
S-24	Club Drive Sidewalk	Sidewalk	Club Drive Sidewalk - Install sidewalk along both sides of Club Drive from Pleasant Hill Road to existing sidewalk at Club Drive Park.	S								✓	✓	2014	\$124,200	2015	\$223,600	2015-2016	\$1,242,000	\$248,400	\$1,838,200
S-25	Sweetwater Club Drive sidewalk	Sidewalk	Sweetwater Club Drive sidewalk - Install sidewalk along the west side of Sweetwater Club Drive from Sweetwater Rd to Club Dr. At the intersection of Sweetwater Club Dr at Club Dr, replace striped islands with concrete islands with ADA ramps on the NE and NW corners and add a crosswalk on the north leg.	S								✓	✓	2014	\$38,200	2015	\$34,000	2016	\$191,000	\$19,100	\$282,300
S-26	Gwinnett County Transit Gwinnett Place Mall Transit Center Upgrade	Transit Center	GCT Gwinnett Place Mall Transit Center Upgrade	S	T-1 / O-3			✓				✓	✓	2014	\$90,000	2015	\$45,000	2016	\$450,000	\$90,000	\$675,000
			Transit Center Design - Upgrade existing transit center design with improved passenger amenities that include an enclosed/covered waiting area with benches, trash receptacles, bike parking facilities, vending machines, restrooms, and transit kiosk.																		
			Transit Center Access - Extend the curbs on the south leg of the intersection of Satellite Blvd at Gwinnett Plantation Way to reduce the roadway width to 36 ft. Stripe the south leg with three total lanes, a left-turn lane and a shared through/right-turn lane on the northbound approach and one southbound receiving lane.																		
			Transit Center Access - Modify access to traffic circulation for the transit center from Gwinnett Plantation Way to move the access point further from Satellite Boulevard.																		
			Transit Center Access - Create a new taxi stand close to the buses to prevent the need for pedestrians to cross Gwinnett Plantation Way to access taxis or improve the pedestrian crossing to the existing parking lot/informal taxi stand area.																		
S-27	Gwinnett County Transit Bus Route Modification	Transit	Change Bus Route 10 or 30 to provide transit access to Pleasant Hill Road north of I-85. Utilize Breckinridge Road west from Old Norcross Road to Pleasant Hill Road, then Pleasant Hill Road north to Satellite Boulevard, then east to the transit center. Install four bus shelters along Pleasant Hill Road. Consider increased bus frequency for routes 10 and 40. (cost includes changes to signage and bus shelters only - no transit operational costs.	S	T-2			✓					✓	2016	\$10,000	NA	\$0	2016	\$50,000	\$5,000	\$65,000
S-28	Support for Regional Travel Demand Management	Travel Demand Management	Coordination between GPCID, ARC, Clean Air Campaign, Gwinnett County, and local businesses to support regional travel demand management programs such as carpool, vanpool, and teleworking.	S		✓		✓					✓	Ongoing Coordination between Agencies to Facilitate Travel Demand Management							
M-13	Club Drive Sidewalk and Multi-use Path with Connection to Louise Radloff Middle School	Multi-use Path	Club Drive Sidewalk - Install 5' sidewalk along north side of Club Drive from Steve Reynolds Blvd to Shackelford Road and install 10' Multi-use path along south side of Club Drive from Shackelford Road to Sweetwater Road. Install a 10' Multi-use path along the north side of Shackelford Road from Club Drive to Louise Radloff Middle School.	M	C-18							✓		2017-2023	\$196,156	2017-2023	\$147,117	2017-2023	\$980,778	\$196,156	\$1,520,206
M-14	Gwinnett Place "Sharrow" Pavement Markings (shared bicycle and automobile use)	Shared Lane Markings	Gwinnett Place "Sharrow" Pavement Markings - Implement "sharrow" pavement markings to indicate shared bicycle and automobile use along the following roadways:	M	C-1 / C-3 / C-4			✓				✓		2017-2023	\$1,443	2017-2023	\$0	2017-2023	\$14,429	\$2,886	\$18,758
			Market Street from Venture Drive to Satellite Boulevard																		
			Mall Boulevard from Pleasant Hill Road to Ring Road																		
			Gwinnett Place Drive from Pleasant Hill Road to Ring Road																		
M-15	Davis Circle Multi-use Path Connection to Charles Brant Chesney Elementary School	Multi-Use Path	Davis Circle Multi-use Path Connection to Charles Brant Chesney Elementary School - Install 10' multi-use path along Davis Circle from west Liddell Road to Old Norcross Road with a connection to Charles Brant Chesney Elementary School. Provide multi-use path connections to Club Place and Falls Parkway.	M								✓		2017-2023	\$108,030	2017-2023	\$81,023	2017-2023	\$540,152	\$108,030	\$837,236

Gwinnett Place CID - Intersection Improvement Traffic Studies - Preliminary List of Improvements  
(Short Term - 2013-2016 / Mid-Term 2017-2023 / Long-Term-Beyond 2023 / RD- with Redevelopment)

Ref No.	Name	Type	Project Description	Imp. Time	LCI Project Ref	Goals								Costs							
						Reduce Congestion /Improve Operations	Increase System Connectivity	Serves Growth in Travel Demand	Increase Utilization of Steve Reynolds	Improve Traffic Safety	Improve Pedestrian Crossing Safety	Sidewalk /Bike Connections to Activity Areas	Enhance Access to Transit	Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
M-16	Sweetwater Road Multi-use Path	Multi-Use Path	Sweetwater Multi-use Path - Install 10' multi-use path along north side of Sweetwater Rd from Club Drive to Wesley Place. Install 10' multi-use path along south side of Club Drive from Sweetwater Road to Woodington Circle. Provide greenspace park adjacent to streetscape area in commercial parking lot on north side of Sweetwater Road	M	C-19							✓		2017-2023	\$192,273	2017-2023	\$294,204	2017-2023	\$961,363	\$192,273	\$1,640,113
M-17	Venture Dr/West Liddell Dr Multi-use Path	Multi-Use Path	Venture Dr/West Liddell Dr Multi-use Path - Install 10' multi-use path along Venture Dr/West Liddell Dr connecting from Satellite Blvd to Steve Reynolds Blvd.	M								✓		2017-2023	\$175,030	2017-2023	\$131,273	2017-2023	\$875,152	\$175,030	\$1,356,486
L-8	McDaniel Road Multi-use Path	Multi-Use Path	McDaniel Road Multi-use Path - Install 10' multi-use path along McDaniel Road from Old Norcross Road to McDaniel Farm Park and along McDaniel Road from Duluth Highway (SR 120 to McDaniel Farm Park).	L	C-9							✓		2024-2040	\$155,455	2024-2040	\$116,591	2024-2040	\$777,274	\$155,455	\$1,204,775
L-9	Old Norcross Road Multi-use Path	Multi-Use Path	Old Norcross Road Multi-use Path - Install 10' multi-use path along northwest side of Old Norcross Road from McDaniel Road to Mall Ring Road.	L	C-14							✓		2024-2040	\$46,061	2024-2040	\$34,545	2024-2040	\$230,303	\$46,061	\$356,970
L-10	Davenport Road Multi-use Path	Multi-Use Path	Davenport Road Multi-use Path - Install 10' multi-use Path along Davenport Rd from Old Norcross Rd to Hill Road and along Hill Road to Pleasant Hill Road.	L								✓		2024-2040	\$155,303	2024-2040	\$116,477	2024-2040	\$776,516	\$155,303	\$1,203,600
L-11	Davenport-McDaniel Multi-use Path Connection	Multi-Use Path	Davenport-McDaniel Multi-use Path Connection - Install multi-use Path along Utility Easement from Davenport Rd to McDaniel Rd.	L								✓		2024-2040	\$50,909	2024-2040	\$38,182	2024-2040	\$254,546	\$50,909	\$394,546
L-12	Shackleford Rd and Steve Reynolds Blvd Sidewalk Connection to Louise Radloff Middle School	Sidewalk	Shackleford Rd and Steve Reynolds Blvd Sidewalk Connection to Louise Radloff Middle School - Install 5' Sidewalk along Shackleford Rd from Louise Radloff Middle School to Steve Reynolds Blvd and along Steve Reynolds Boulevard to Venture Drive including crossing of I-85. At the intersection of I-85 SB on-ramp, replace painted island with concrete island and install ADA ramps, pedestrian crossing signal phases, and crosswalk across Steve Reynolds Boulevard. At the intersection with I-85 NB ramp, install no pedestrian crossing signs.	L								✓		2024-2040	\$53,268	2024-2040	\$39,951	2024-2040	\$266,339	\$53,268	\$412,825
L-13	Ferguson Elementary School/Sweetwater Rd Multi-use Path	Multi-Use Path	Ferguson Elementary School/Sweetwater Rd Multi-use Path - Install 10' multi-use path connecting Ferguson Elementary School to Sweetwater Rd along Centerview Drive, Kroger Blvd, and behind Pleasant Hill Plaza.	L	C-18							✓		2024-2040	\$77,273	2024-2040	\$115,909	2024-2040	\$386,364	\$77,273	\$656,819
RD-4	Ring Road Multi-use Path	Multi-Use Path	Ring Road Multi-use Path - Implement a Road Diet along Ring Road and use the available ROW to install a 10' multi-use path. Install crosswalks at the following interseptions: Commerce Avenue, Venture Parkway, Gwinnett Place Drive, Mall Boulevard, Merchants	RD	C-5 / C-7			✓				✓									
RD-5	Pedestrian Bridge/Greenway Crossing on Pleasant Hill Rd	Multi-Use Path/ Crossing	Pedestrian Bridge/Greenway Crossing on Pleasant Hill Rd - Implement a pedestrian bridge over Pleasant Hill Road as part of the greenway extension from Gwinnett Place Mall west to the proposed park on Steve Reynolds Boulevard. The overpass would be designed with long and gradual sloping ramps on both sides for easy access. Features of the overpass include a multi-use path for pedestrians and bicyclists with amenities such as adequate lighting, greenspace, signage, etc. Combine with construction of local street grid east and west of Pleasant Hill Road. Grid roads include connecting road between Mall Boulevard and Gwinnett Place Drive and between Satellite Boulevard and Ring Road.	RD	C-17 / R-2 / R-3 / R-5 /R-6						✓	✓	✓								
RD-6	Market Street Bike/Pedestrian Improvements	Complete Street	Market Street Bike/Pedestrian Improvements - With redevelopment, implement 'Complete Streets' principle with sidewalks and bike lanes on Market Street from Venture Drive to Satellite Boulevard.	RD	C-1							✓	✓								
RD-7	Mall Boulevard Bike/Pedestrian Improvements	Complete Street	Mall Boulevard Bike/Pedestrian Improvements - With redevelopment, implement 'Complete Streets' principle with sidewalks and bike lanes on Mall Boulevard from Pleasant Hill Road to Ring Road.	RD	C-3							✓	✓								
RD-8	Gwinnett Place Drive Bike/Pedestrian Improvements	Complete Street	Gwinnett Place Drive Bike/Pedestrian Improvements - With redevelopment, implement 'Complete Streets' principle with sidewalks and bike lanes on Gwinnett Place Drive from Pleasant Hill Road to Ring Road.	RD	C-4							✓	✓								
RD-9	Gwinnett Station Shopping Center Area Bike/Pedestrian Improvements	Complete Street	Gwinnett Station Shopping Center Area Bike/Pedestrian Improvements - With redevelopment, implement 'Complete Streets' principle with sidewalks and bike lanes in the Gwinnett Station Shopping Center Area.	RD	R-11						✓	✓	✓								
RD-10	Gwinnett Plantation Way Sidewalk	Sidewalk	Gwinnett Plantation Way Sidewalk - Install sidewalk along Gwinnett Plantation Way for access between transit transfer center and neighborhoods north of Old Norcross Rd.	RD								✓	✓								
Total Cost for Short Term Improvements															\$2,004,988		\$2,428,255		\$5,425,030	\$1,090,906	\$10,949,178
Total Cost for Mid Term Improvements															\$1,015,601		\$8,383,529		\$19,691,997	\$1,318,399	\$30,409,526
Total Cost for Long Term Improvements															\$6,887,167		\$5,223,330		\$34,435,835	\$6,887,167	\$53,433,499
Total Cost for ALL Improvements															\$9,907,756		\$16,035,114		\$59,552,862	\$9,296,472	\$94,792,204

# Pleasant Hill Rd at North Berkeley Lake Rd - Median Nose Improvement

Ref. No.  
S-1

## Project Description

Increase radius of NB dual left turn by pulling back median nose on west side of intersection. Lengthen receiving area for dual left turns to extend past shopping center entrance.

## Justification

Improves traffic operations and safety at the intersection and along North Berkeley Lake Road. Increases utilization of the northbound dual left turn lanes.

## Jurisdiction

Gwinnett County

## Service Type

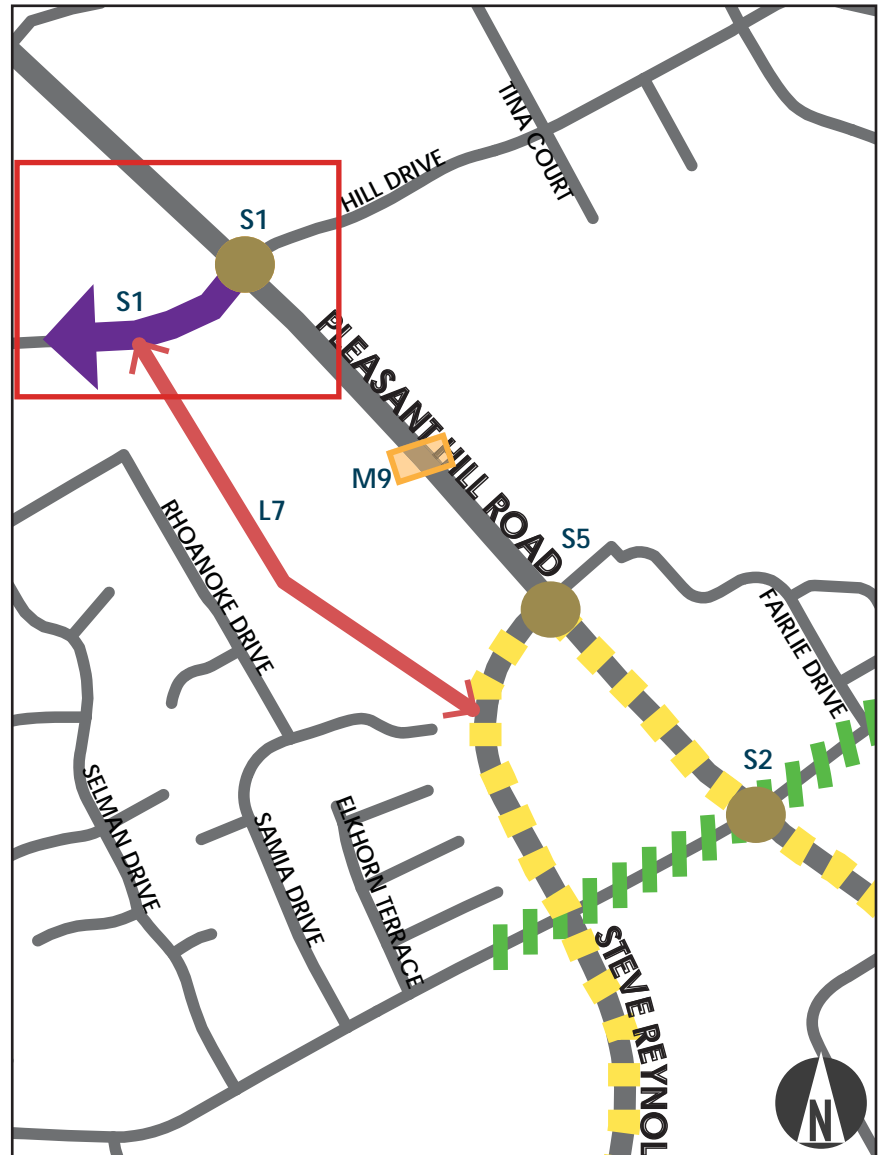
Minor Roadway

## Project Source

- ☐ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Short-term



  Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$18,400	NA	\$0	2014	\$92,000	\$18,400	\$128,800



# Pleasant Hill Rd at Old Norcross Rd - Right Turn Lane Modification

Ref. No.  
S-2

## Project Description

Remove channelization and yield sign for the WB right turn movement and install right turn overlap indication for the EB and WB right turn movements.

## Justification

Improves traffic operations at the intersection. Improves pedestrian crossing safety.

## Jurisdiction

Gwinnett County

## Service Type

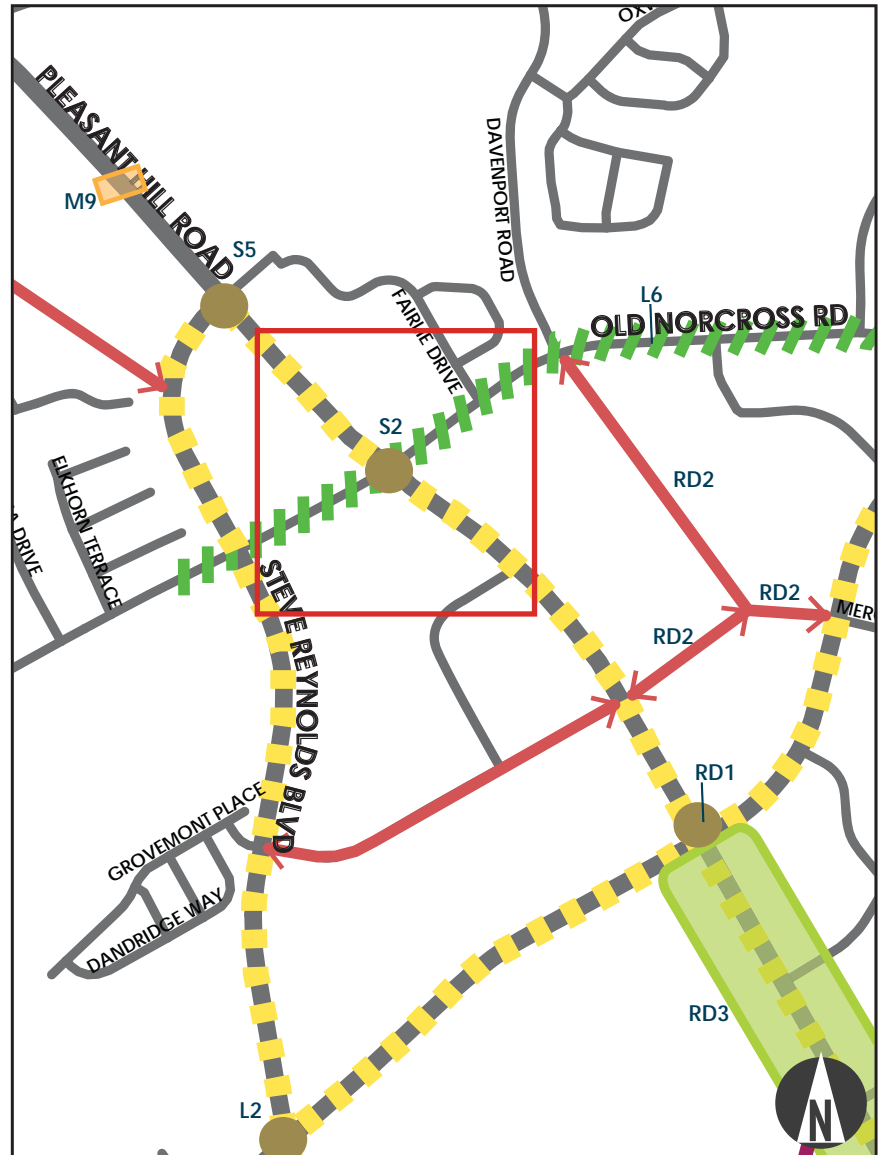
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-2

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Improve Pedestrian Crossing Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$3,000	NA	\$0	2014	\$6,000	\$1,200	\$10,200



# Pleasant Hill Road at Club Drive - Access Modification to Remove U-Turn Conflict

Ref. No.  
S-3

## Project Description

Remove northbound U-turn Conflict - Provide left turn into development on southwest quadrant, connect parcels east of Pleasant Hill Rd to Corely Rd, and prohibit NB U-turn from Pleasant Hill Rd at Club Dr.

## Justification

Improves intersection operations and safety at a bottleneck location by removing the primary need for u-turns so that u-turns can be prohibited.

## Jurisdiction

Gwinnett County

## Service Type

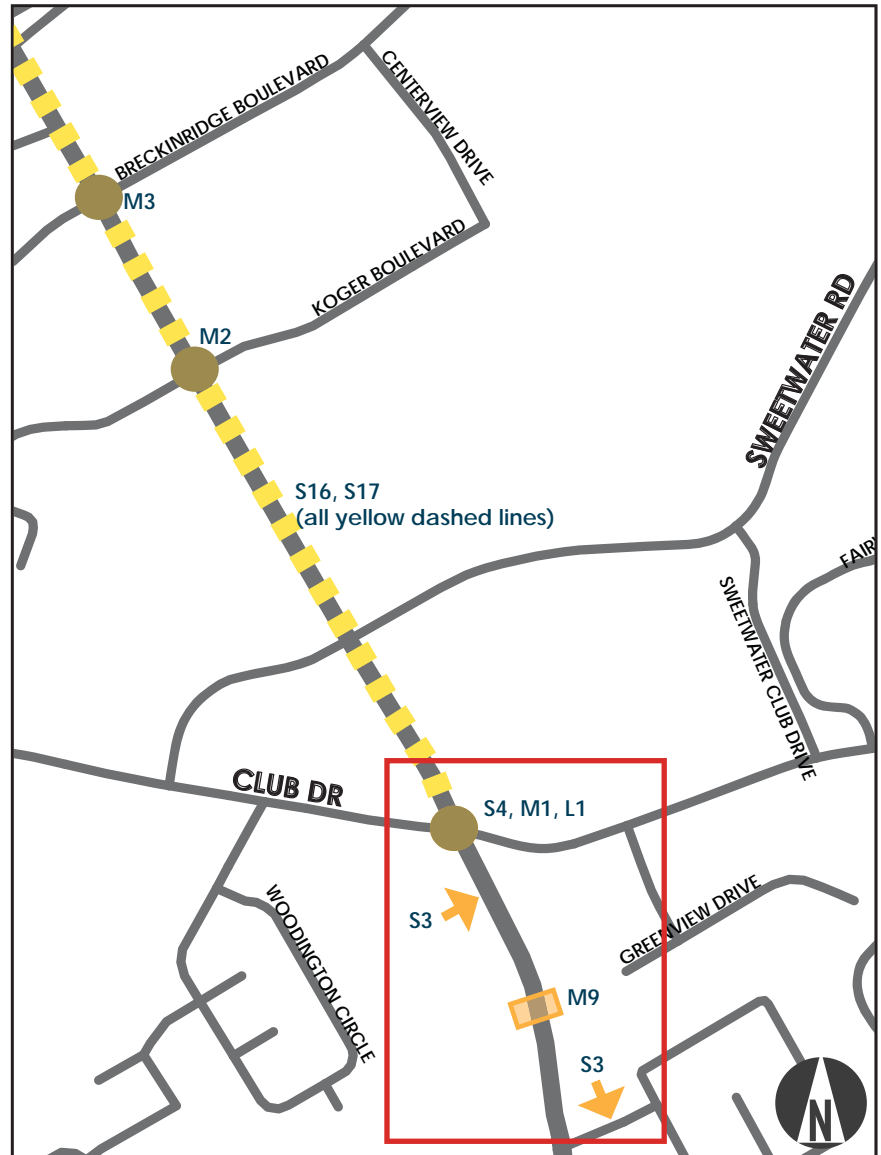
Minor Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-2

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase Utilization of Steve Reynolds
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$24,000	2015	\$21,600	2016	\$120,000	\$24,000	\$189,600



# Pleasant Hill Road at Club Drive - Intersection Modifications

Ref. No.  
S-4, M-1

## Project Description

Provide triple left turn NB and channelized dual right turn EB. Add a third through lane EB and WB on Club Drive.

## Justification

Improves intersection operations at bottleneck location by increasing intersection capacity. Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

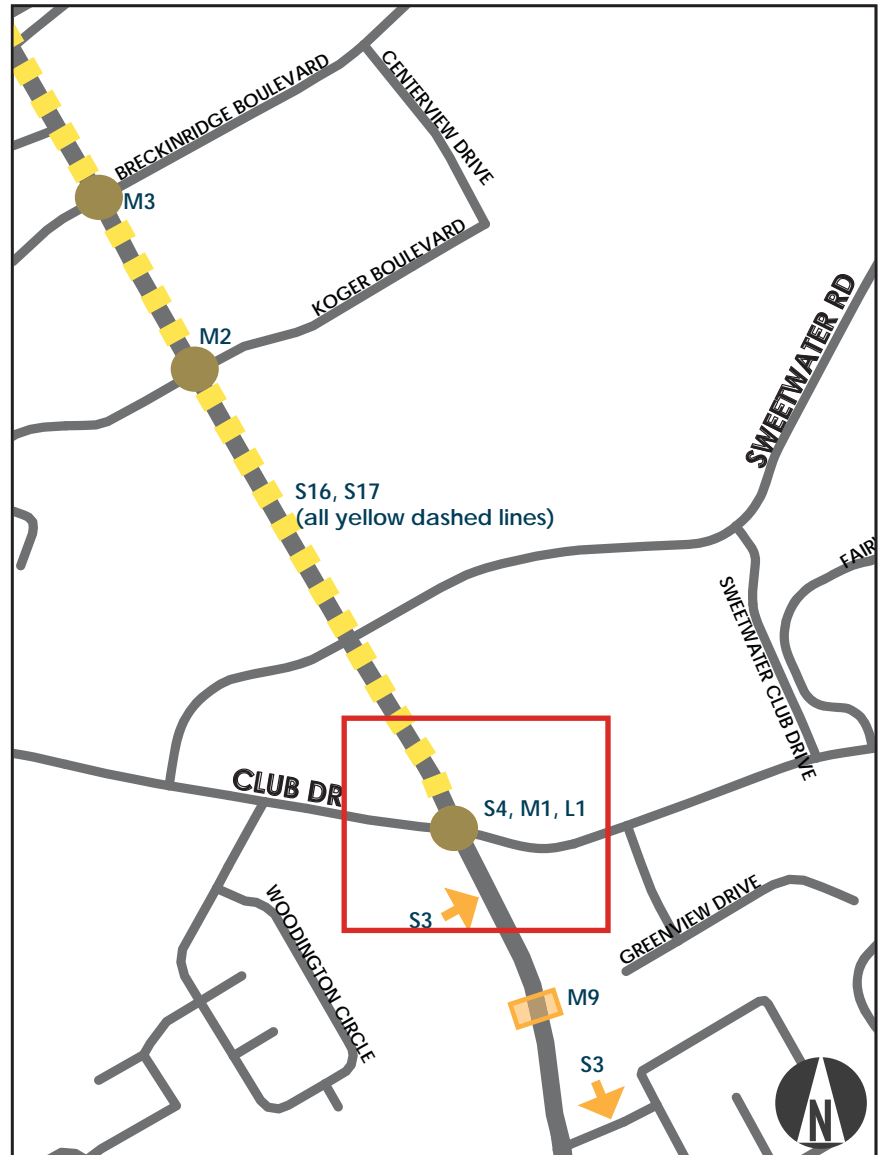
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-2

Implementation Short- to mid-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$112,500	2015	\$247,500	2016	\$750,000	\$150,000	\$1,260,000



# Steve Reynolds Blvd at Pleasant Hill Rd - Median Nose Modification

Ref. No.  
S-5

## Project Description

Increase radius of EB triple left turn by pulling back median nose on north side of intersection.

## Justification

Improves traffic operations and safety at the intersection. Increases utilization of the northbound left turn lanes.

## Jurisdiction

Gwinnett County

## Service Type

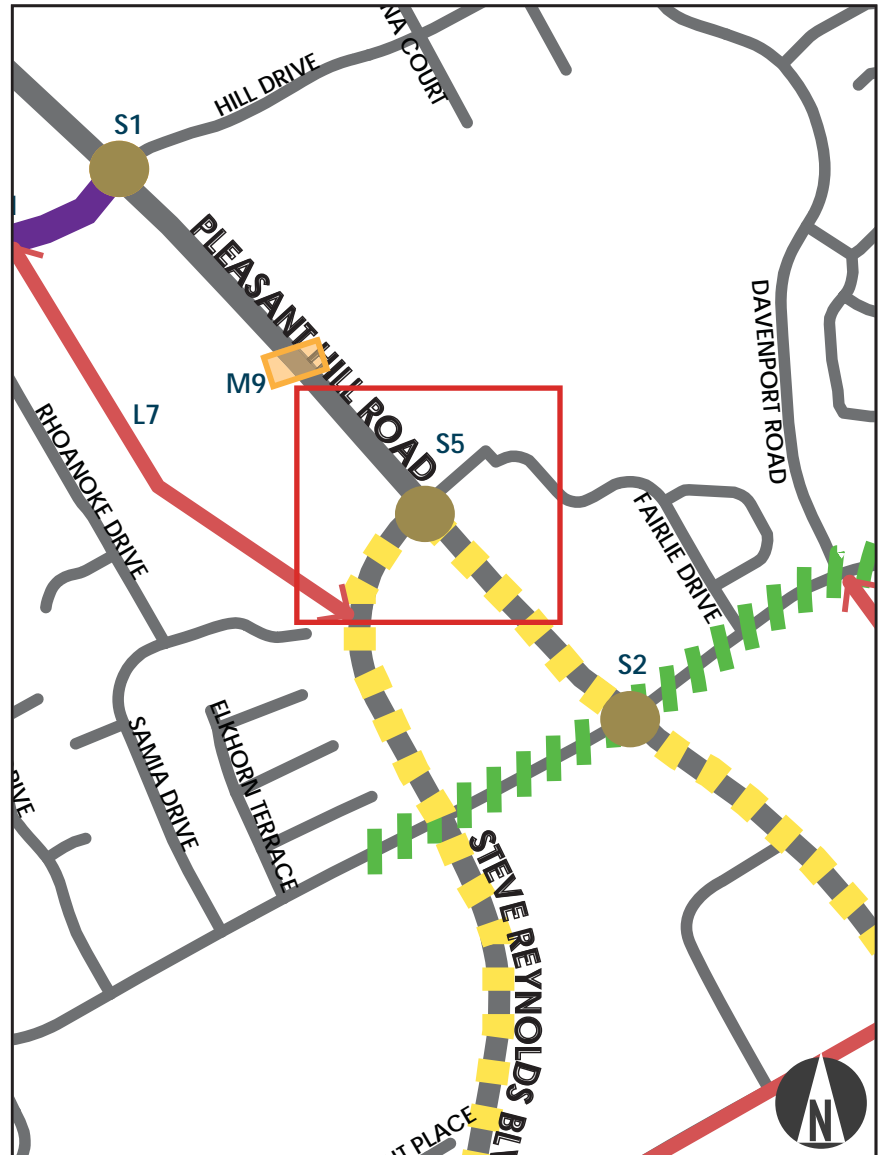
Minor Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$2,000	NA	\$0	2014	\$6,000	\$1,200	\$9,200



# Venture Dr at Steve Reynolds Blvd - Lane Alignment Changes

Ref. No.  
S-6

## Project Description

Restripe northbound approach to align left lane departing the I-85 NB intersection with left most through lane for Venture Drive and right lane departing the I-85 NB intersection with center through lane for Venture Dr. Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.

## Justification

Improves intersection operations at bottleneck location by facilitating a uniform lane utilization.

## Jurisdiction

Gwinnett County

## Service Type

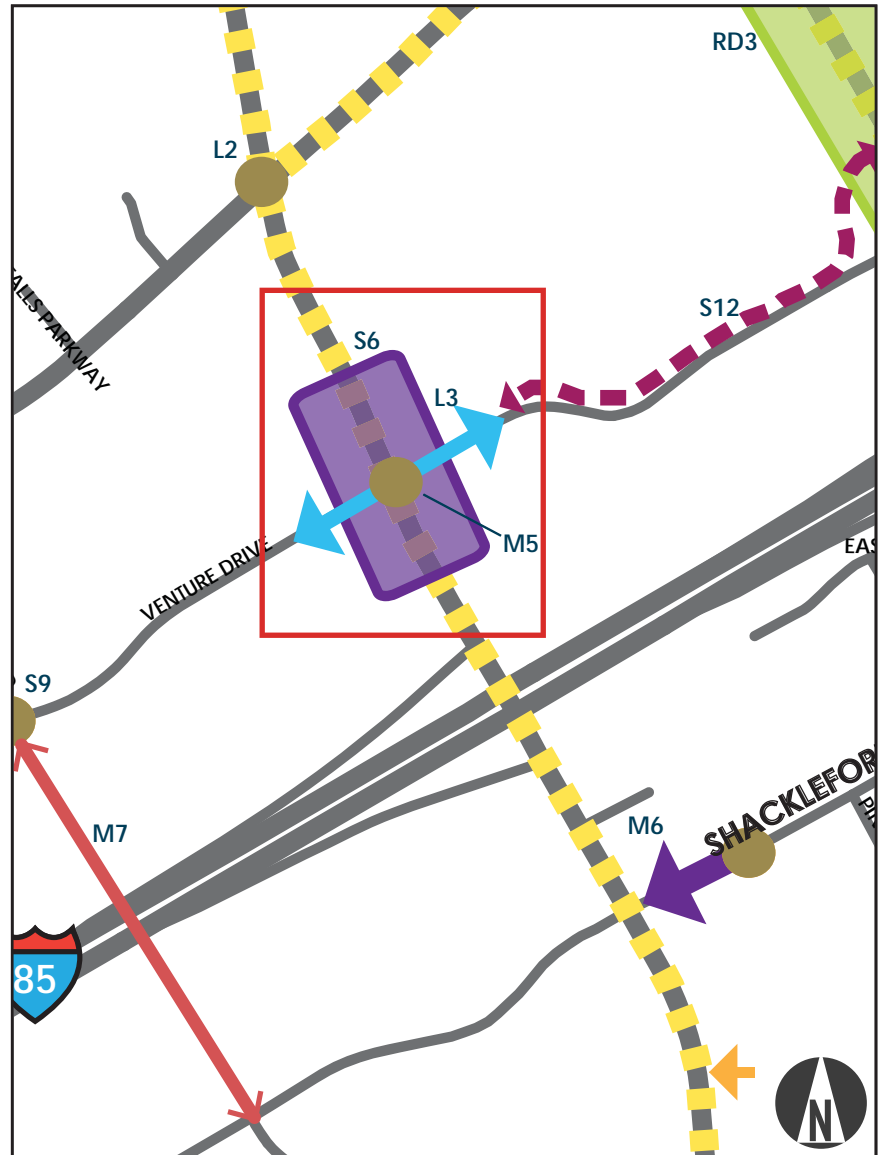
Pavement Marking

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-4

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase Utilization of Steve Reynolds
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$5,000	NA	\$0	2014	\$16,000	\$3,200	\$24,200



# Venture Dr at Steve Reynolds Blvd - Dual Left Turns

Ref. No.  
S-7, M-5

## Project Description

Install NB, SB, and EB dual left turns.  
Convert NB right turn free flow lane to NB right turn channelized with overlap phase.  
Extend NB right turn lane and install SB right turn lane.

## Justification

Improves intersection operations at bottleneck location by increasing intersection capacity. Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

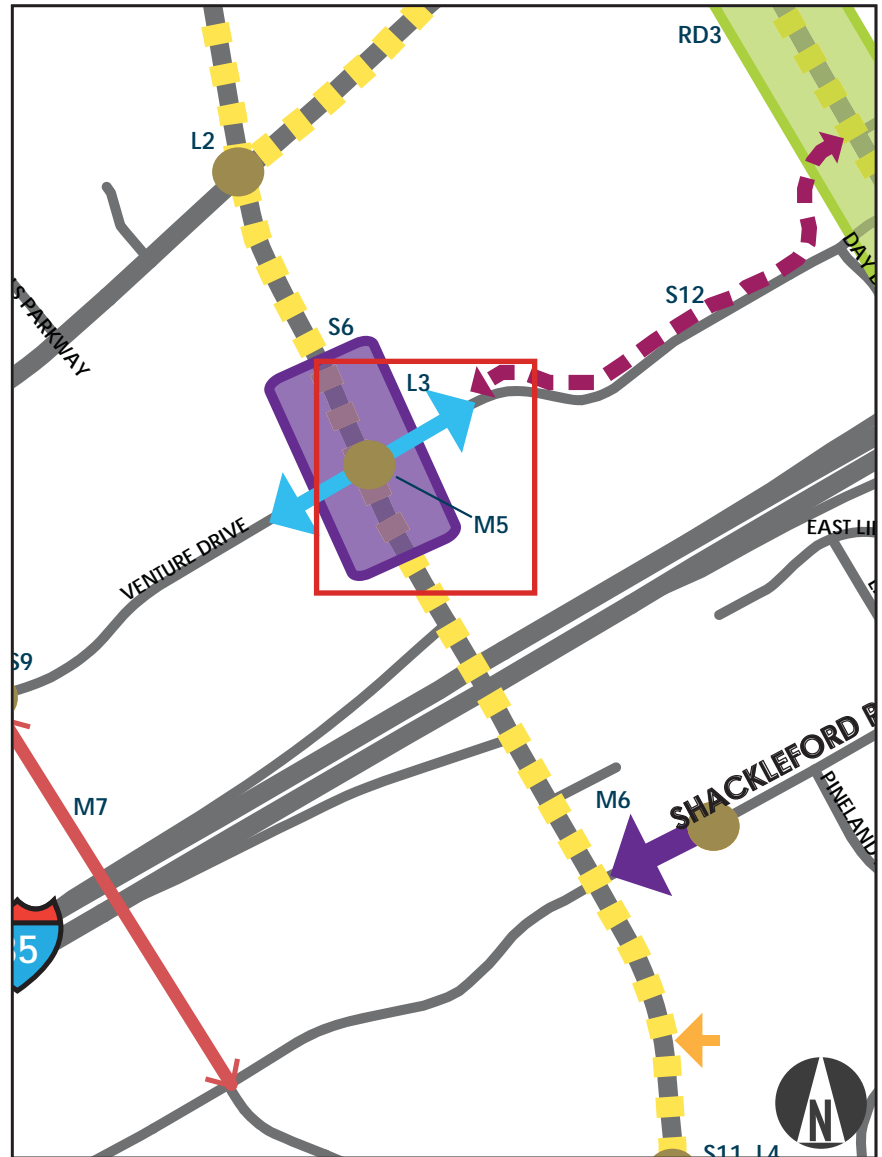
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-4

Implementation Short- to mid-term



  Selected Project

## Goals Addressed by Improvement:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Reduce Congestion/Improve Operations   | <input checked="" type="checkbox"/> Improve Pedestrian Crossing Safety |
| <input checked="" type="checkbox"/> Serves Growth in Travel Demand         |  |
| <input checked="" type="checkbox"/> Increase Utilization of Steve Reynolds |  |
| <input checked="" type="checkbox"/> Improve Traffic Safety                 |  |

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$114,182	2015	\$115,000	2016	\$638,909	\$127,782	\$995,873



# Satellite Blvd at Old Norcross Road (west) - Right Turn Lane Modification

Ref. No.  
S-8

## Project Description

Extend WB right turn lane to upstream signal by connecting right turn deceleration lanes. Install pedestrian and vehicle signals on free-flow right turn lane to provide signalized pedestrian crossing. Install Pedestrian crossing signals and crosswalk on east side of intersection.

## Justification

Improves traffic operations at the intersection. Improves pedestrian crossing safety.

## Jurisdiction

Gwinnett County

## Service Type

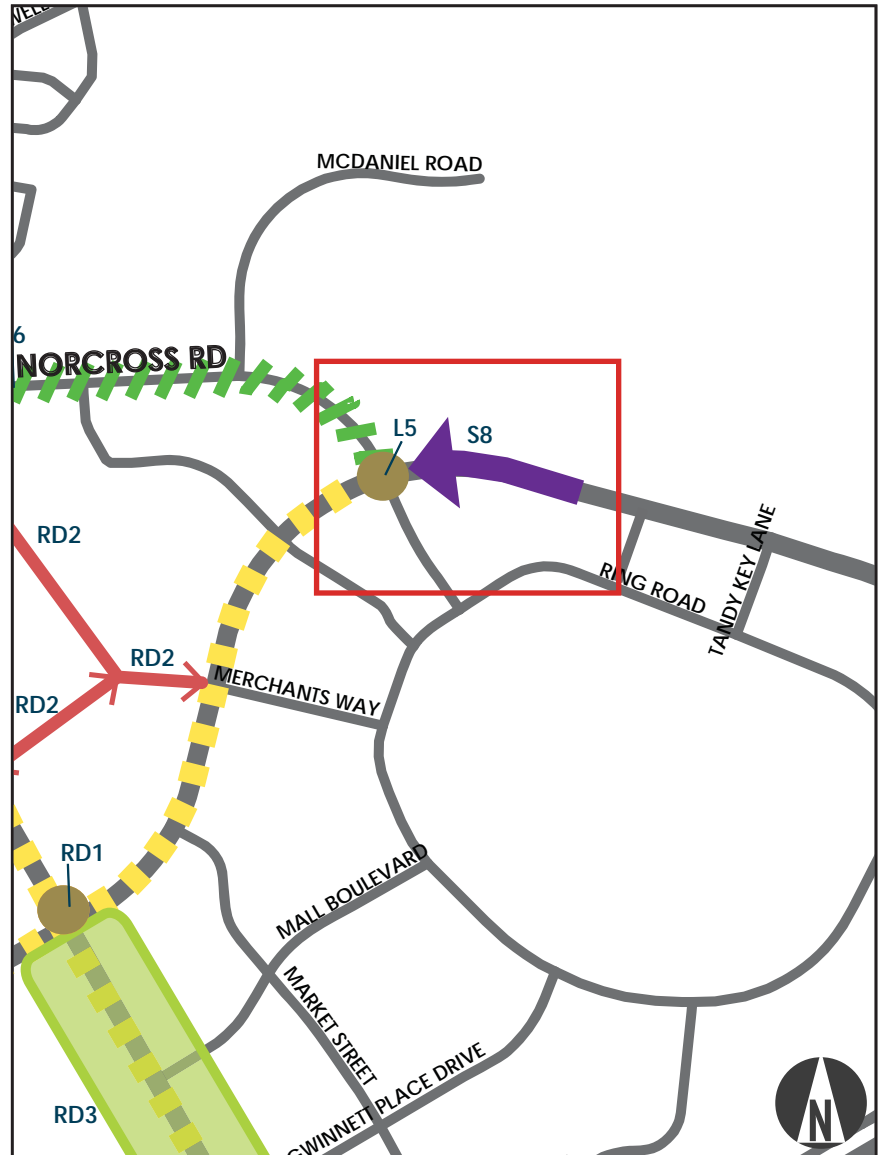
Minor Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-15

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Improve Traffic Safety
- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$13,700	2015	\$25,700	2016	\$78,000	\$15,600	\$133,000



# Venture Dr at West Liddell Dr - Intersection Restriping

Ref. No.  
S-9

## Project Description

Improve unsignalized intersection (Restripe to provide single lane approaches at multiway stop with channelized WB right turn and crosswalks).

## Justification

Improves traffic operations and safety at the intersection. Improves pedestrian crossing safety.

## Jurisdiction

Gwinnett County

## Service Type

Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

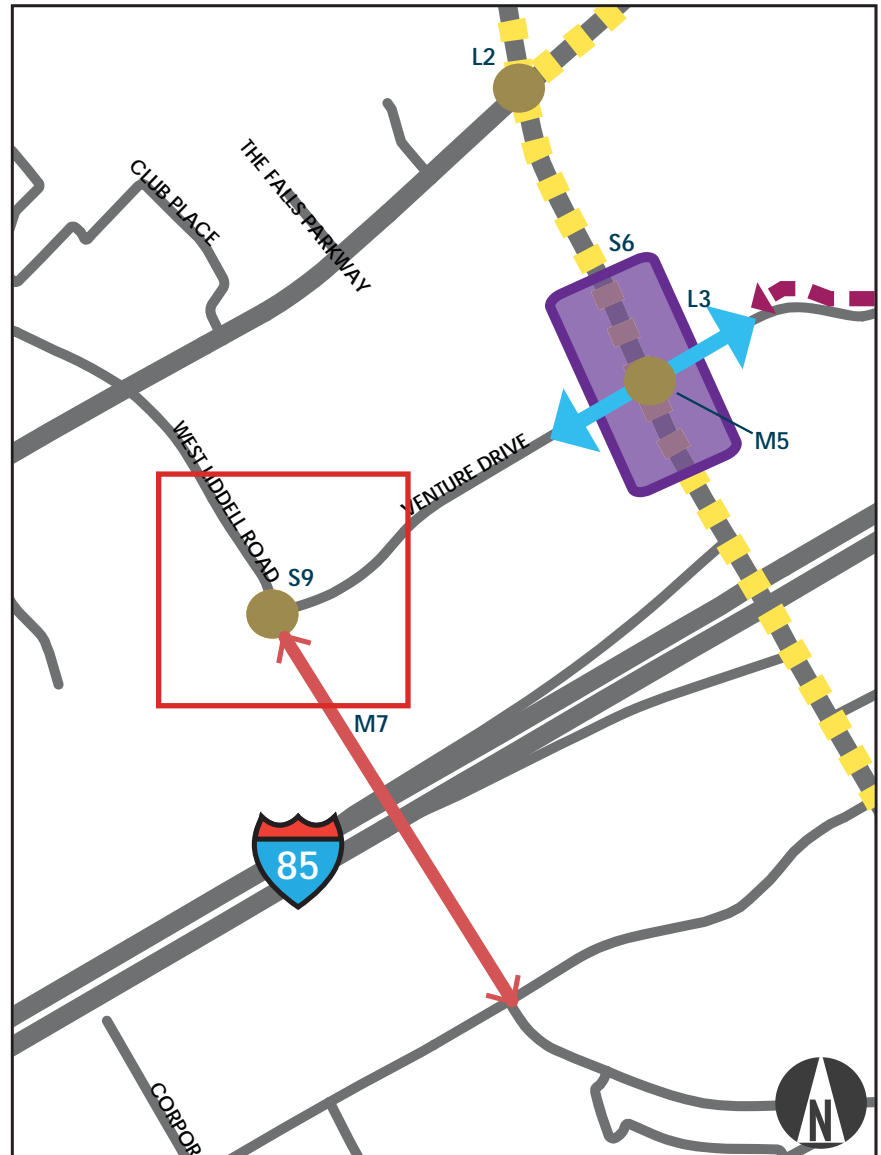
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Improve Traffic Safety
- ☒ Improve Pedestrian Crossing Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$2,500	NA	\$0	2014	\$8,000	\$1,600	\$12,100



Selected Project



# Shackleford Road at Medical Center - Modification to Site Access

Ref. No.  
S-10

## Project Description

Modify access to Medical Center and Farmers Market to reduce conflicts (Signalize or relocate Farmers Market Driveway to west).

## Justification

Improves traffic operations and safety at the intersection. Enhances access to a major medical facility.

## Jurisdiction

Gwinnett County

## Service Type

Signal / Driveway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

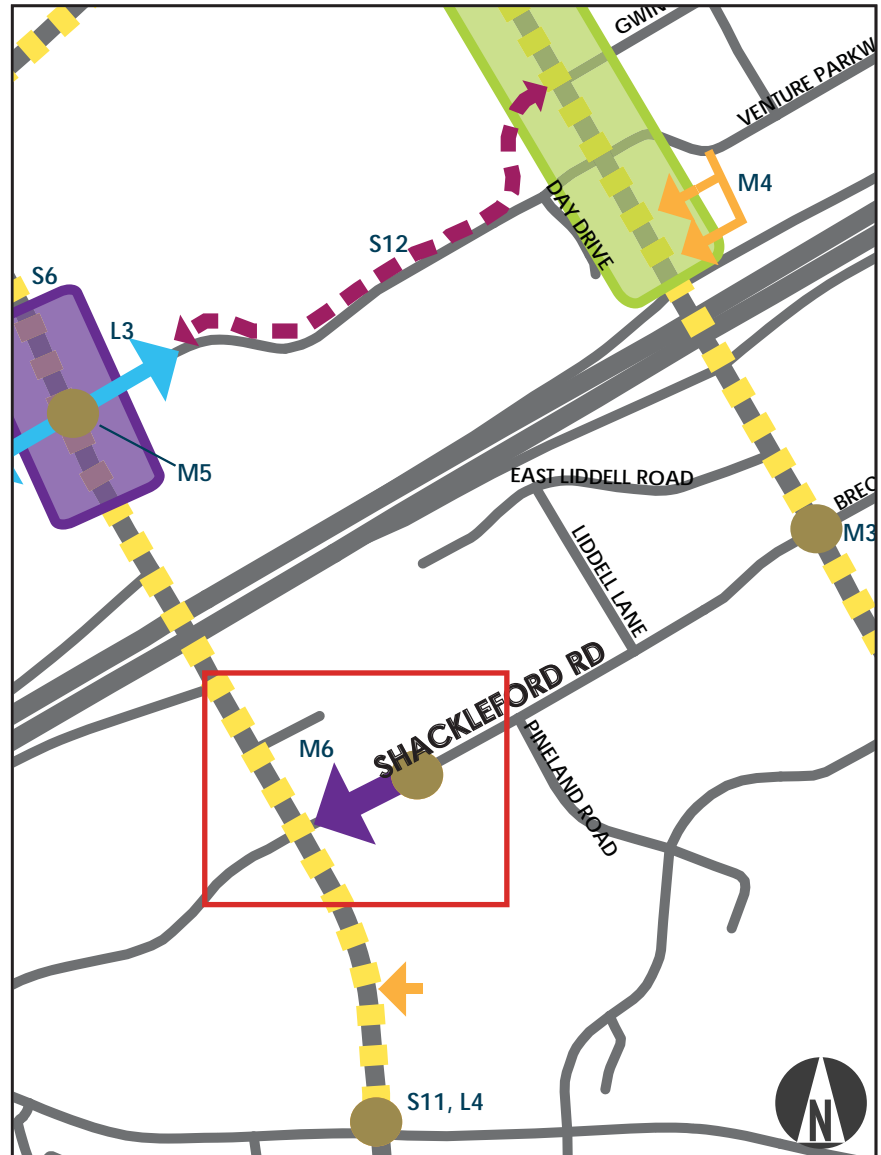
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$19,500	NA	\$0	2015	\$130,000	\$26,000	\$175,500



Selected Project



# Club Dr at Steve Reynolds Blvd - Widen Median for U-Turns

Ref. No.  
S-11

## Project Description

Widen median area to allow U-turns for southbound direction.

## Justification

Enhances access to a major medical facility.

## Jurisdiction

Gwinnett County

## Service Type

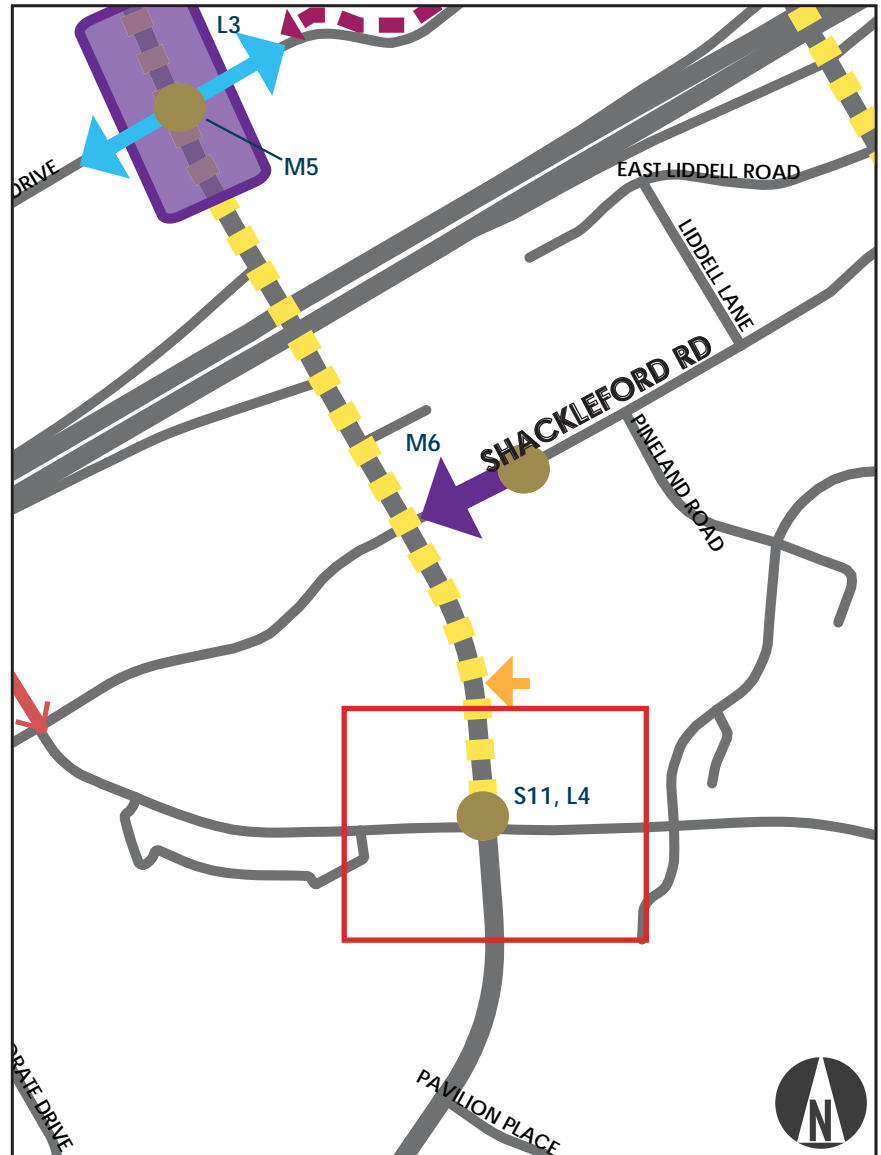
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$23,000	2015	\$20,700	2016	\$115,000	\$23,000	\$181,700



# Venture Drive - Widening from Steve Reynolds Blvd to Day Drive

Ref. No.  
S-12

## Project Description

Widen Venture Drive to 4-lanes from Steve Reynolds Blvd to Day Drive and realign to tie in with current Venture Drive at Gwinnett Place Drive intersection improvement project. Include 10' Multi-use path on south side of Venture Drive.

## Justification

Increases capacity for movement between Pleasant Hill Road and Venture Drive.

## Jurisdiction

Gwinnett County

## Service Type

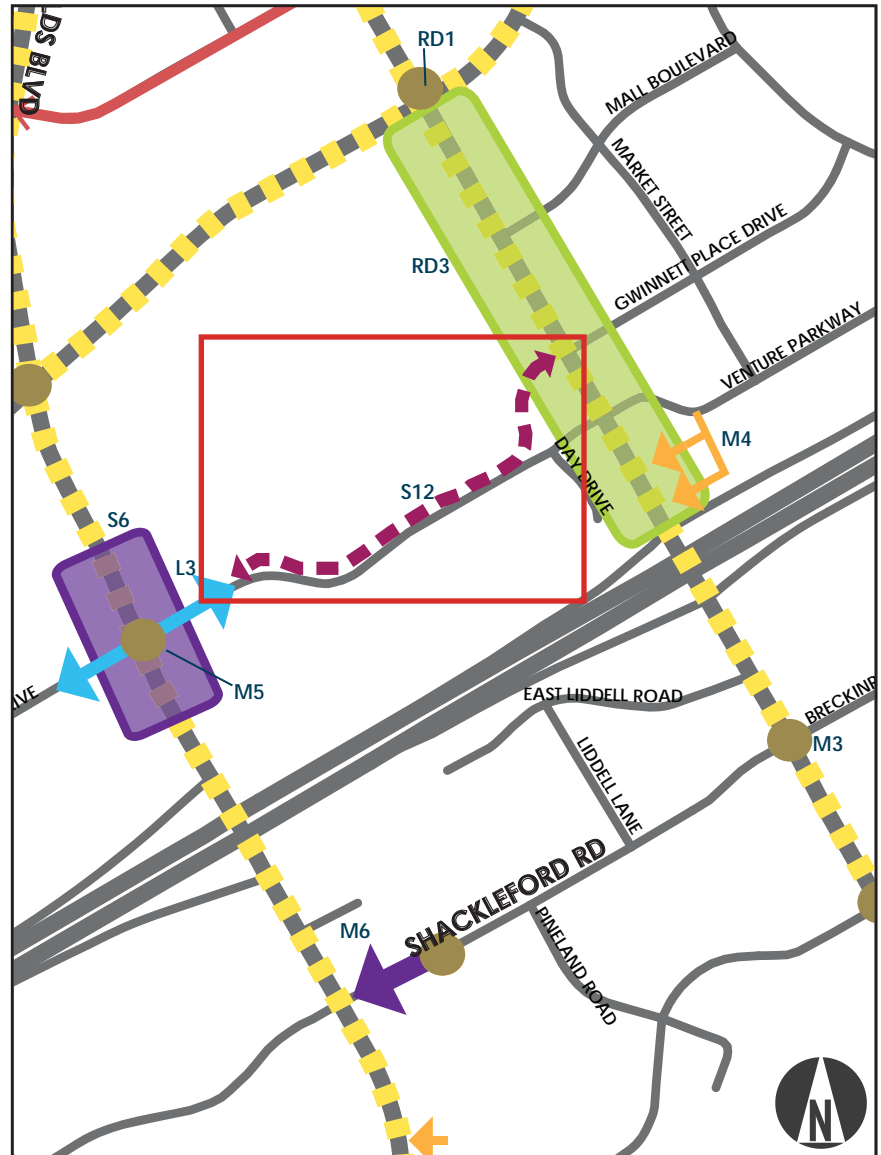
Major Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. R-8/C-19

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity
- ☒ Serves Growth in Travel Demand
- ☒ Improve Traffic Safety
- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$186,200	2015	\$307,200	2016-2017	\$931,000	\$186,200	\$1,610,600



## Project Description

Construct 4-lane Venture Drive Connector from Day Drive to Gwinnett Place Drive.

## Justification

Increases capacity for movement between Pleasant Hill Road and Venture Drive. Provides continuous connection from Gwinnett Place Mall area to retail area near Venture Drive.

## Jurisdiction

Gwinnett County

## Service Type

Major Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. R-8

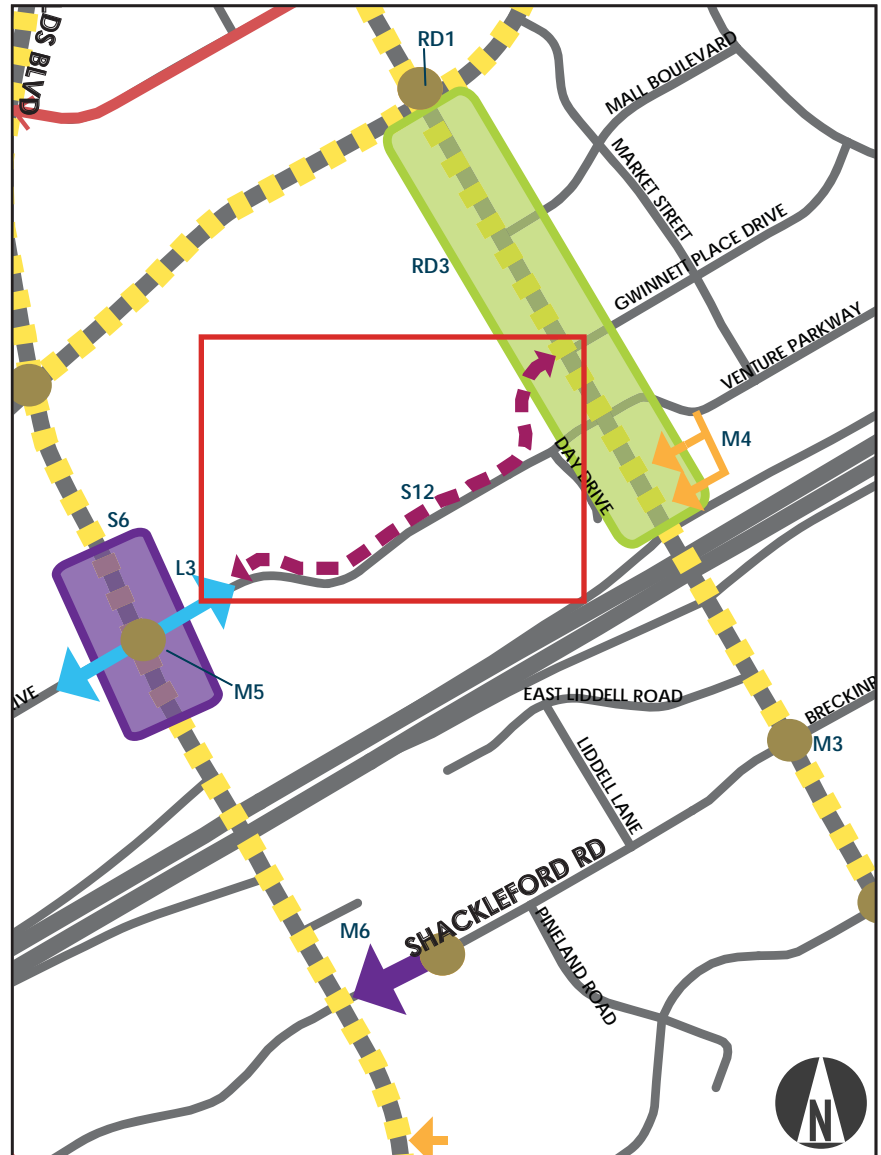
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$194,000	2015	\$1,735,000	2016-2017	\$1,134,000	\$226,800	\$3,289,800



Selected Project

# West Liddell Rd to Club Dr Connector

Ref. No.  
S-15, M-7

## Project Description

New 4-lane roadway with 10' Multi-use path on one side and 5' sidewalk on the other side from Club Dr to Venture Drive including and overpass at I-85. (PE ONLY - This cost is for the planning and engineering of improvements. The total construction cost is estimated at \$20 million).

## Justification

Provides regional roadway connection across I-85 to reduce traffic on Steve Reynolds Boulevard and Pleasant Hill Road to accommodate current traffic and future growth. Provides pedestrian and bicycle connections across I-85.

## Jurisdiction

Gwinnett County

## Service Type

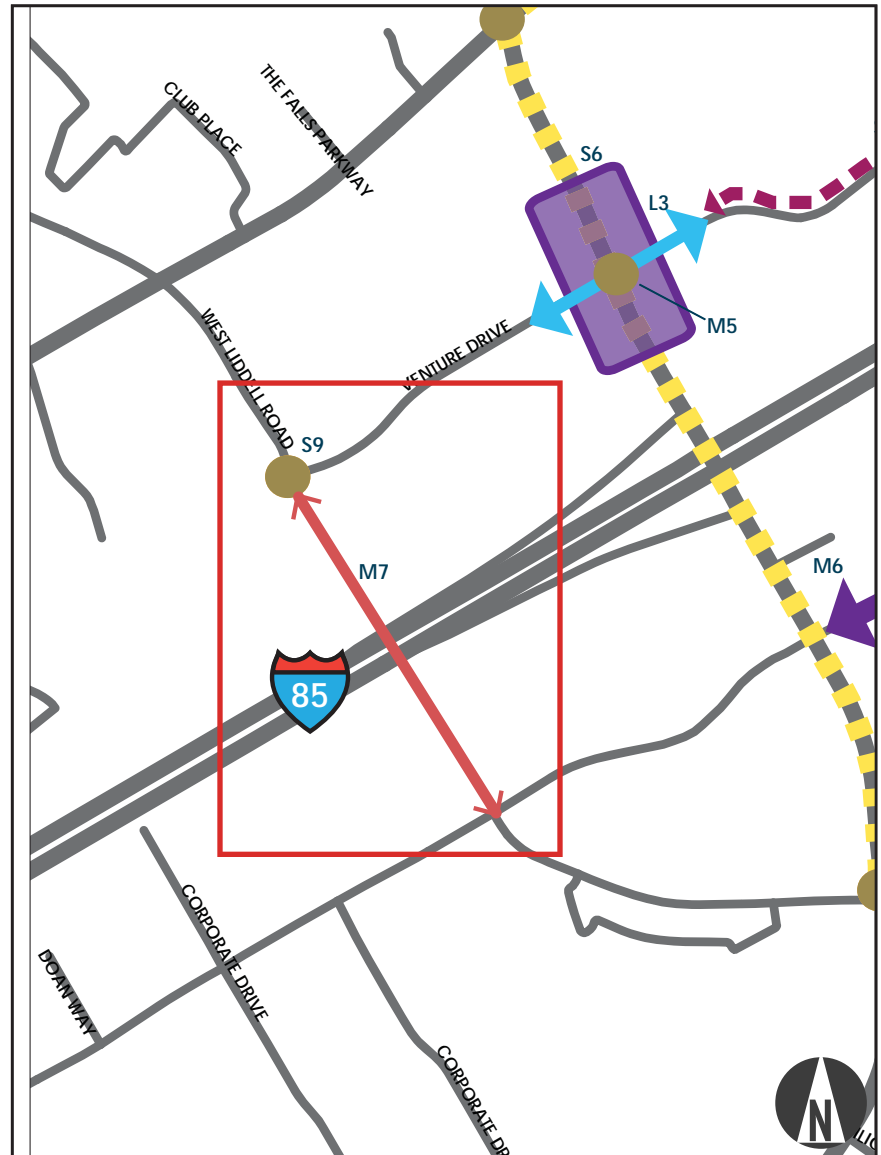
Major Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. R-9

Implementation Short- to mid-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity
- ☒ Serves Growth in Travel Demand

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2015-2016	\$750,000	2017-2018	\$7,000,000	2019-2021	\$13,100,000	\$0	\$20,850,000



## Project Description

Install System to Gather Travel Time Data from Blue Tooth Devices along the following corridors (includes five years monitoring cost):

- Pleasant Hill Rd from Club Drive to Steve Reynolds Blvd (4 stations)
- Satellite Blvd from Steve Reynolds Blvd to Old Norcross Rd (3 stations)
- Steve Reynolds Blvd from Pleasant Hill Rd to Club Drive (3 stations)

## Justification

Provides travel times for use in optimizing signal system and information to drivers to address corridor congestion.

## Jurisdiction

Gwinnett County

## Service Type

ITS

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-1

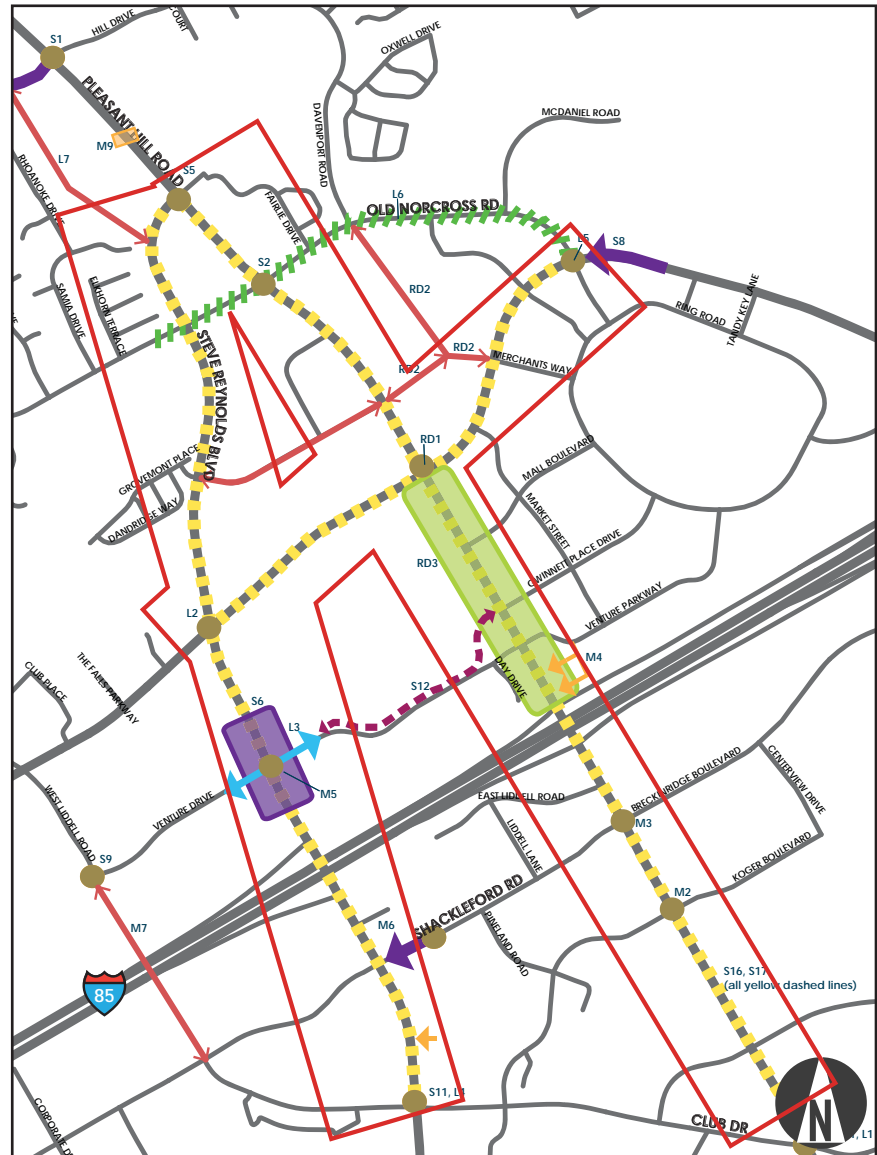
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2015	\$19,500	NA	\$0	2015	\$130,000	\$26,000	\$175,500



Selected Project

## Project Description

Install traffic responsive signal timing along Pleasant Hill Rd from Club Drive to Steve Reynolds Blvd, along Steve Reynolds Boulevard from Club Drive to Pleasant Hill Road, and along Satellite Boulevard from Old Norcross Road to Steve Reynolds Boulevard

## Justification

Improves traffic signal coordination and operations to address corridor congestion.

## Jurisdiction

Gwinnett County

## Service Type

ITS

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-1

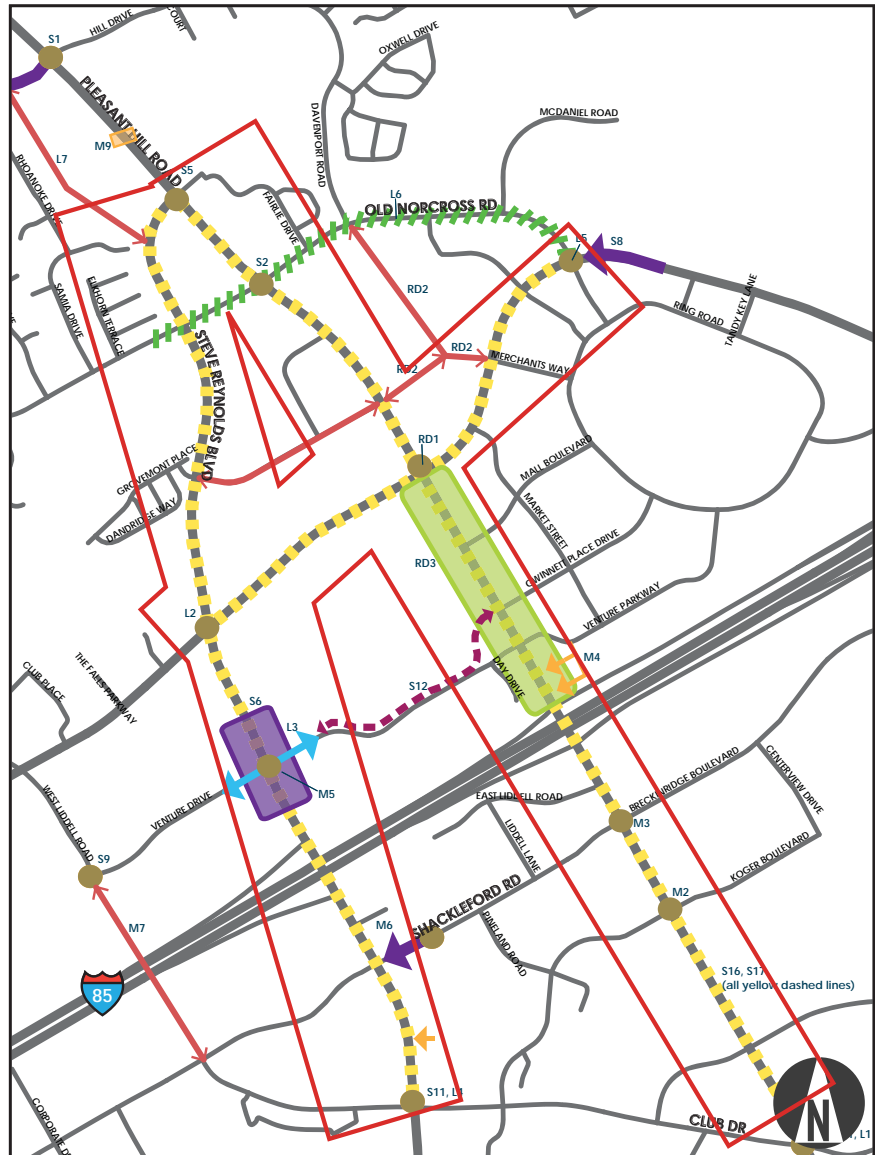
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2016	\$160,000	NA	\$0	NA	\$0	\$30,000	\$190,000



Selected Project

# Pedestrian Crossing Safety Modifications Along Pleasant Hill Road

Ref. No.  
S-18

## Project Description

- Old Norcross Rd - Remove right turn island striping on NE and SW corners and install stop bars.
- Satellite Blvd - Replace striped islands with concrete islands with ADA ramps and pedestrian crossing indications on SE and SW corners. Remove striped island on NW corner.
- Sweetwater Rd - Replace striped islands with concrete islands with ADA ramps and pedestrian crossing indications on NE and SE corners.
- Club Dr - Remove right turn island striping on NE corner and install stop bar.
- Install pedestrian signal heads with countdown timers at the intersections of Pleasant Hill Rd at Club Dr, Sweetwater Rd, Breckinridge Blvd, Gwinnett Place Dr, Mall Blvd, Satellite Blvd, Gwinnett Station, and Old Norcross Rd.

## Justification

Improves pedestrian crossing safety along Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-6/O-2

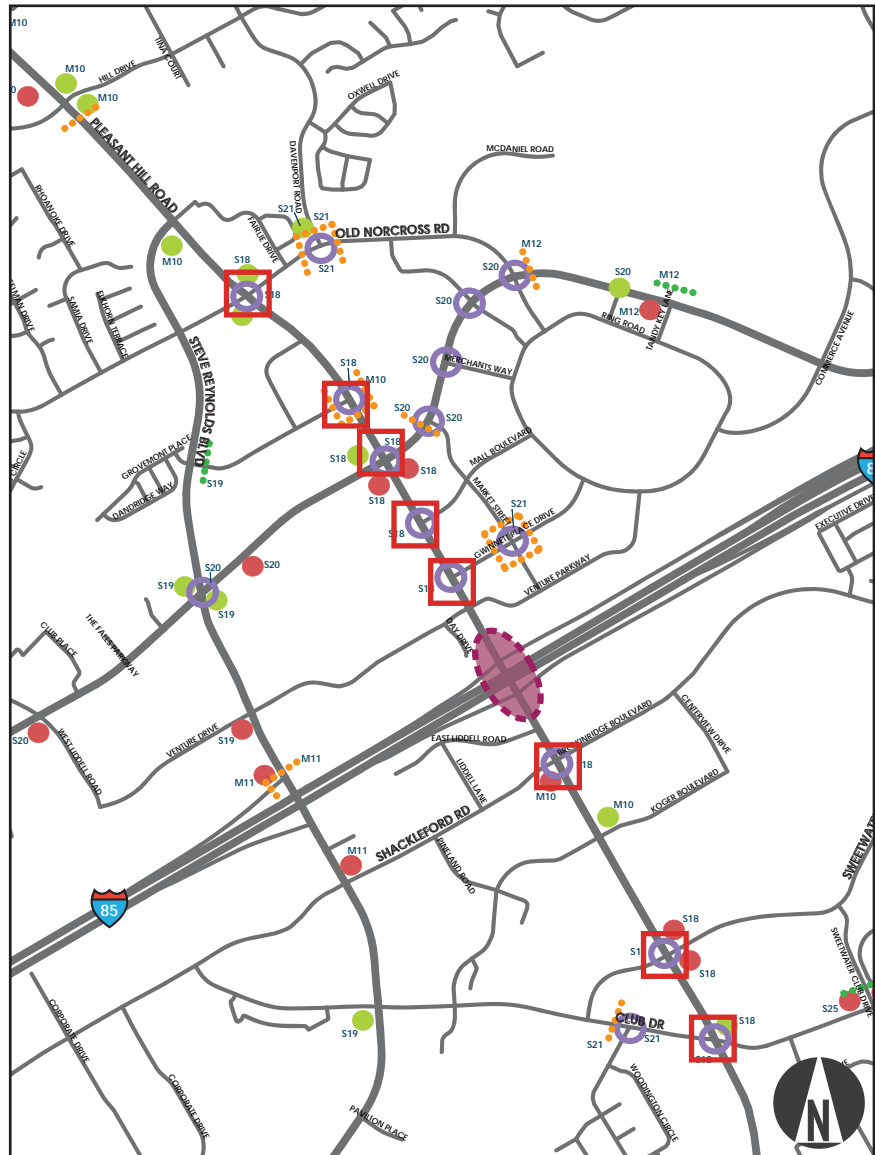
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Enhance Access to Transit
- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$20,800	NA	\$0	2015	\$104,000	\$20,800	\$145,600



  Selected Project



# Pedestrian Crossing Safety Modifications Along Steve Reynolds Boulevard

Ref. No.  
S-19

## Project Description

- Satellite Blvd - Remove striped islands on NW and SE corners and install stop bars.
- Chesden Dr - Install crosswalk on east side of intersection.
- Venture Drive - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.
- Club Drive - Remove right turn island striping on SW corner and install stop bar.

## Justification

Improves pedestrian crossing safety along Steve Reynolds Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

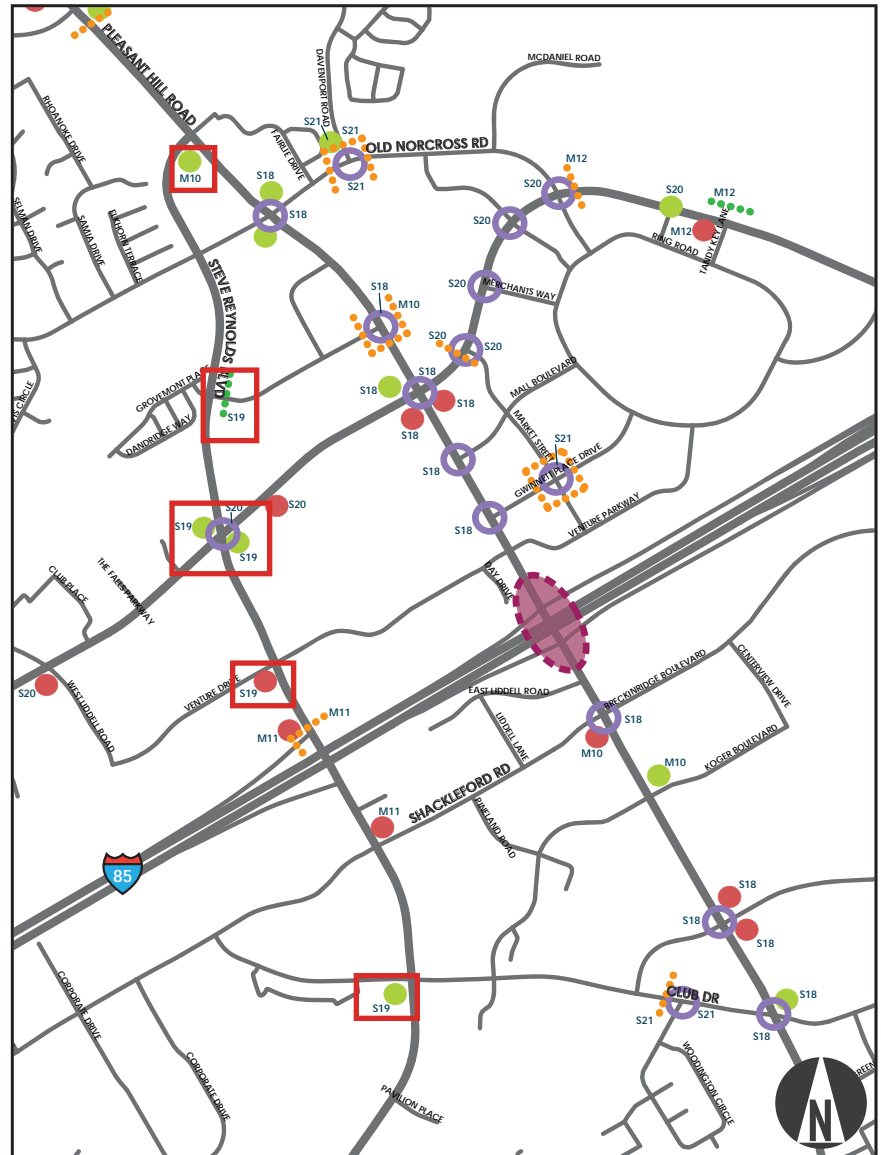
Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-16/O-3/O-4

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$5,600	NA	\$0	2015	\$28,000	\$5,600	\$39,200



# Pedestrian Crossing Safety Modifications Along Satellite Boulevard

Ref. No.  
S-20

## Project Description

- Mall Access Rd - Remove striped islands on NW corner and install stop bar.
- Market St - Install pedestrian signal heads and crosswalk on west side of intersection.
- In-Town Suites - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SE corner.
- West Liddell - Replace striped island on SW corner with concrete island.
- Install pedestrian signal heads with countdown timers at intersections with Steve Reynolds Boulevard, Market St, Merchants Way, Gwinnett Plantation Way, and Old Norcross Road.

## Justification

Improves pedestrian crossing safety along Satellite Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

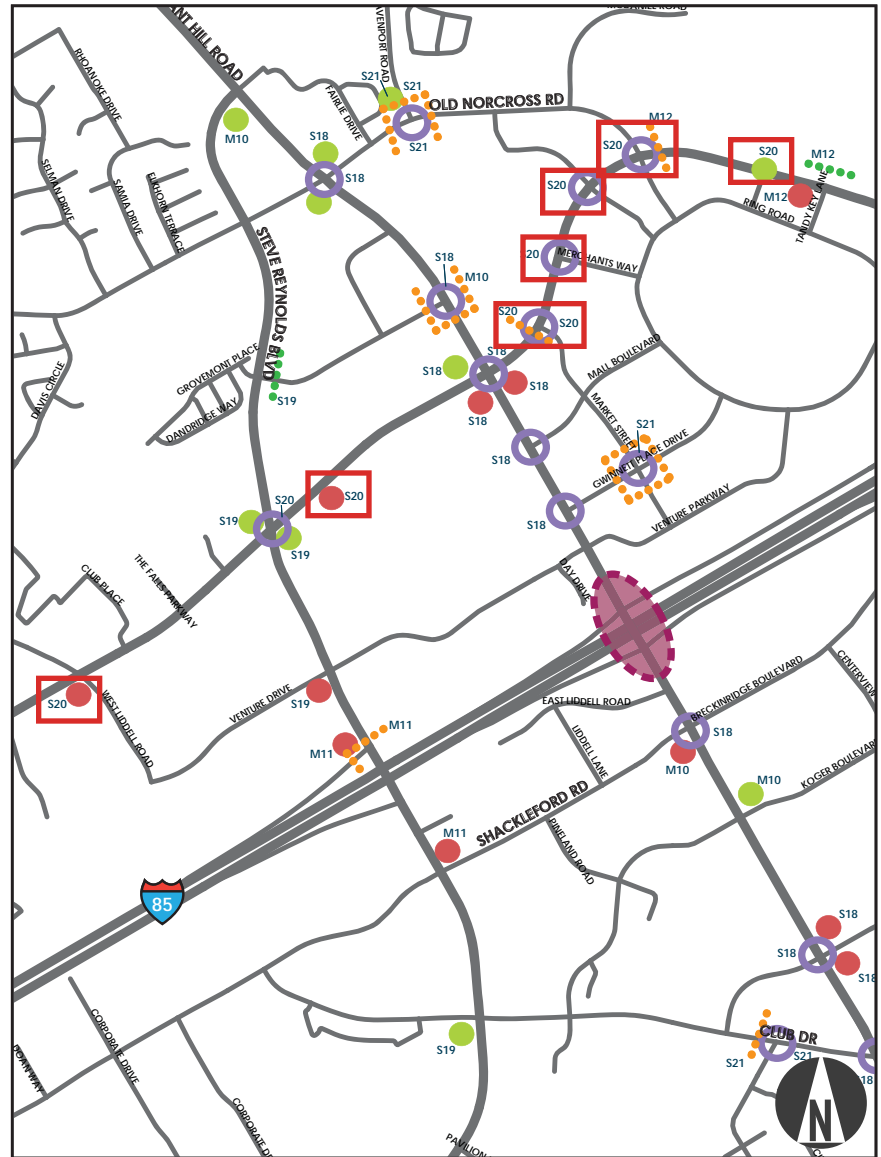
Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-16/O-3

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Enhance Access to Transit
- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2015	\$1,500	NA	\$0	2016	\$69,000	\$13,800	\$84,300



# Pedestrian Crossing Safety Modifications - Various Locations

Ref. No.  
S-21

## Project Description

- Club Dr at Woodington Cir - Install pedestrian signal heads with countdown timers on all legs and install a crosswalk on the west side of the intersection.
- Gwinnett Place Dr at Market St - Install pedestrian signal heads with countdown timers, Brick paver crosswalks, and ADA ramps for all sides of the intersection.
- Old Norcross Rd at Davenport Rd - Install crosswalks and pedestrian signal heads with countdown timers at this intersection. Remove striped island on SB approach and install stop bar.

## Justification

Improves pedestrian crossing safety along Club Drive, Gwinnett Place Drive, and Old Norcross Road.

## Jurisdiction

Gwinnett County

## Service Type

Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-15/C-16

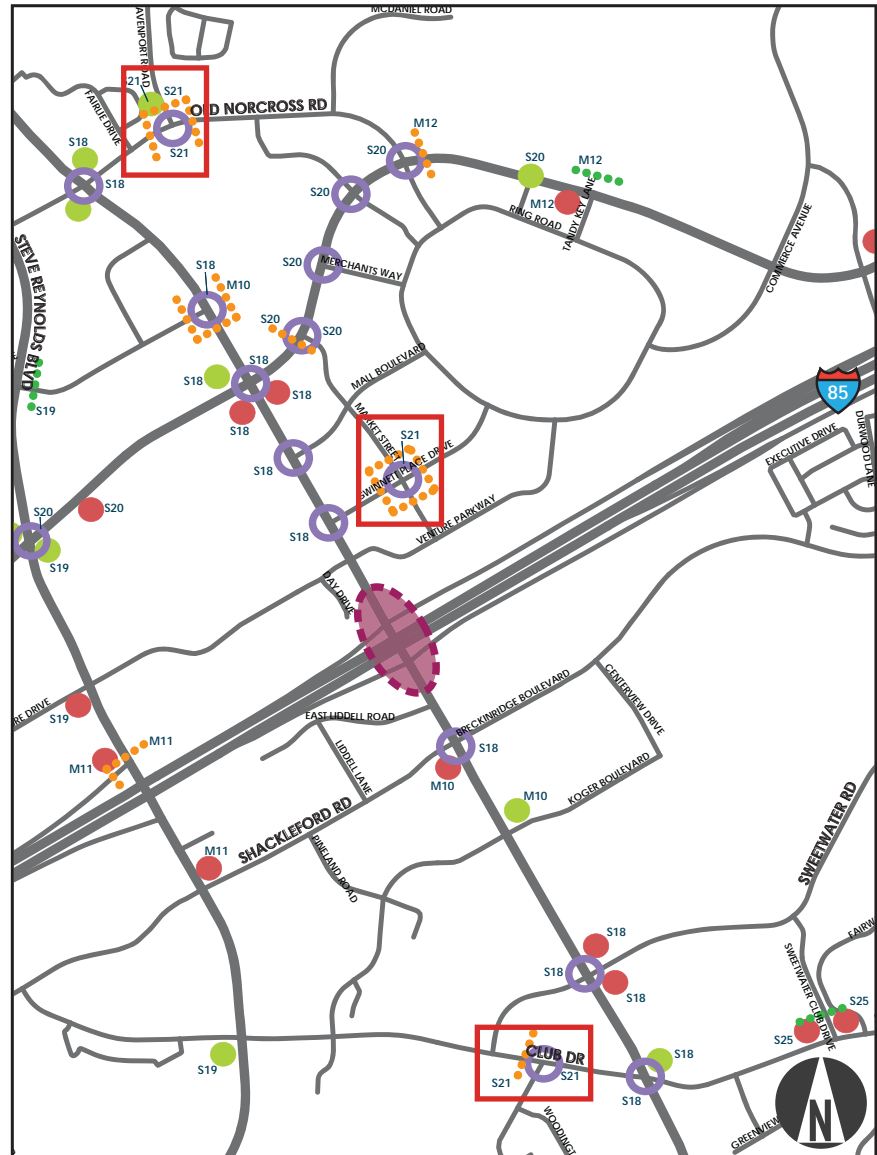
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2015	\$21,400	NA	\$0	\$2,016	\$107,000	\$21,400	\$149,800



Selected Project



# Streetlights along Pleasant Hill Road, Club Drive, and Steve Reynolds Boulevard

Ref. No.  
S-22

## Project Description

Install streetlights along Pleasant Hill Road from Shorty Howell Park to Old Norcross Road (20), on Pleasant Hill Road from I-85 to Club Drive (20), on Club Drive from Pleasant Hill Road to Steve Reynolds Boulevard (15), and on Steve Reynolds Boulevard from Club Drive to Pleasant Hill Road. (40)

## Justification

Improves pedestrian safety for travel along and across Pleasant Hill Road, Club Drive, and Steve Reynolds Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

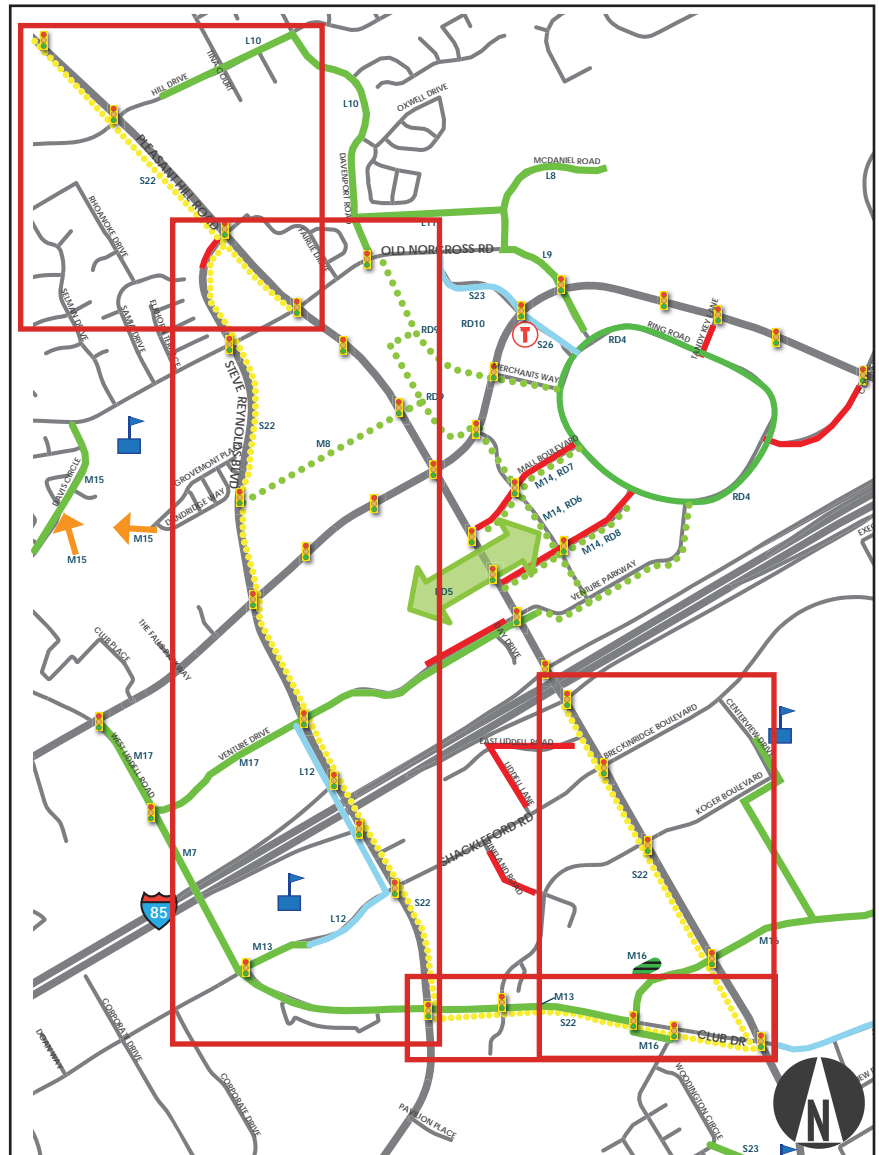
Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-11/C-12

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2015	\$25,200	NA	\$0	\$2,016	\$315,000	\$63,000	\$403,200



# Woodington Circle Multi-use Path Connection to Corley Elementary School

Ref. No.  
S-23

## Project Description

Woodington Circle Multi-use Path Connection to Corley Elementary School. Path goes around existing greenspace area.

## Justification

Provides pedestrian route for travel between transit center and Old Norcross Road.

## Jurisdiction

Gwinnett County

## Service Type

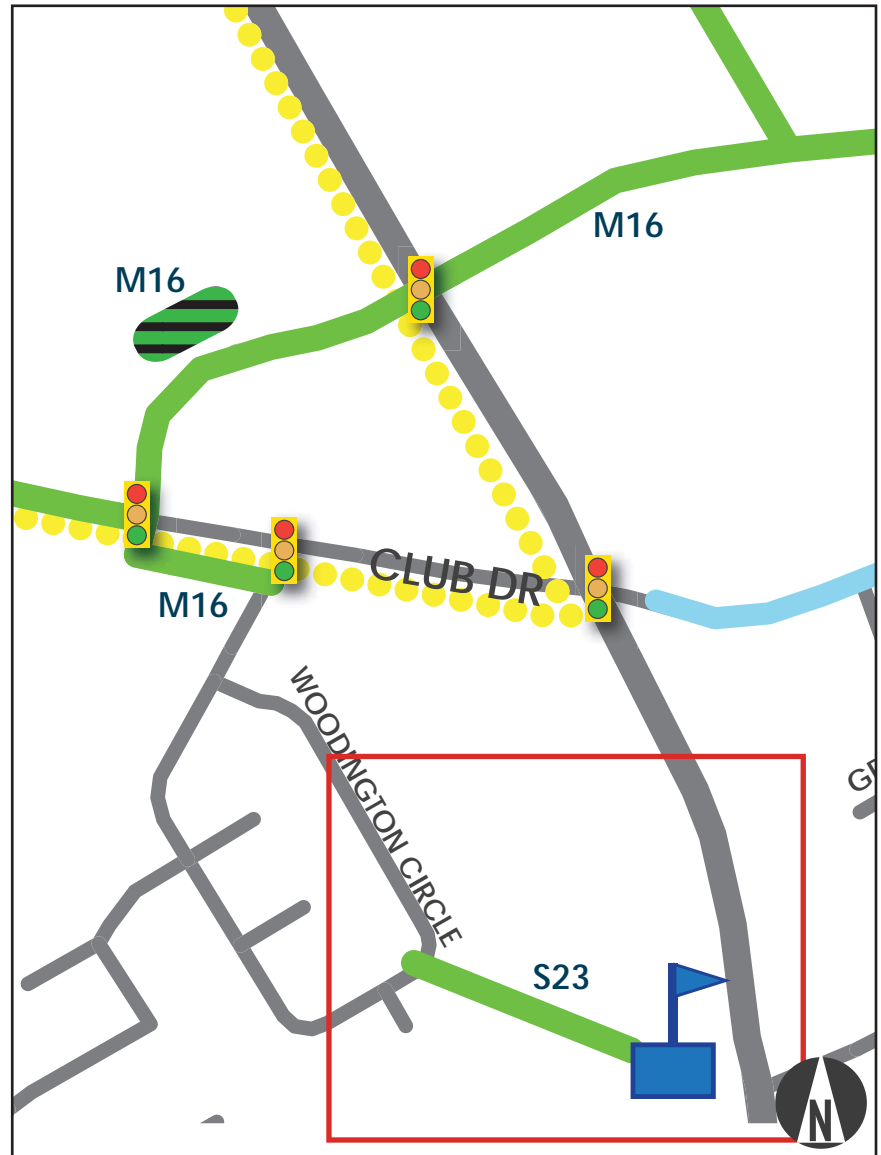
Sidewalk

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$18,200	2015	\$60,100	2016	\$182,000	\$36,400	\$296,700



## Project Description

Install sidewalk along both sides of Club Drive from Pleasant Hill Road to existing sidewalk at Club Drive Park.

## Justification

Provides pedestrian connection between commercial center and neighborhoods/park.

## Jurisdiction

Gwinnett County

## Service Type

Sidewalk

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

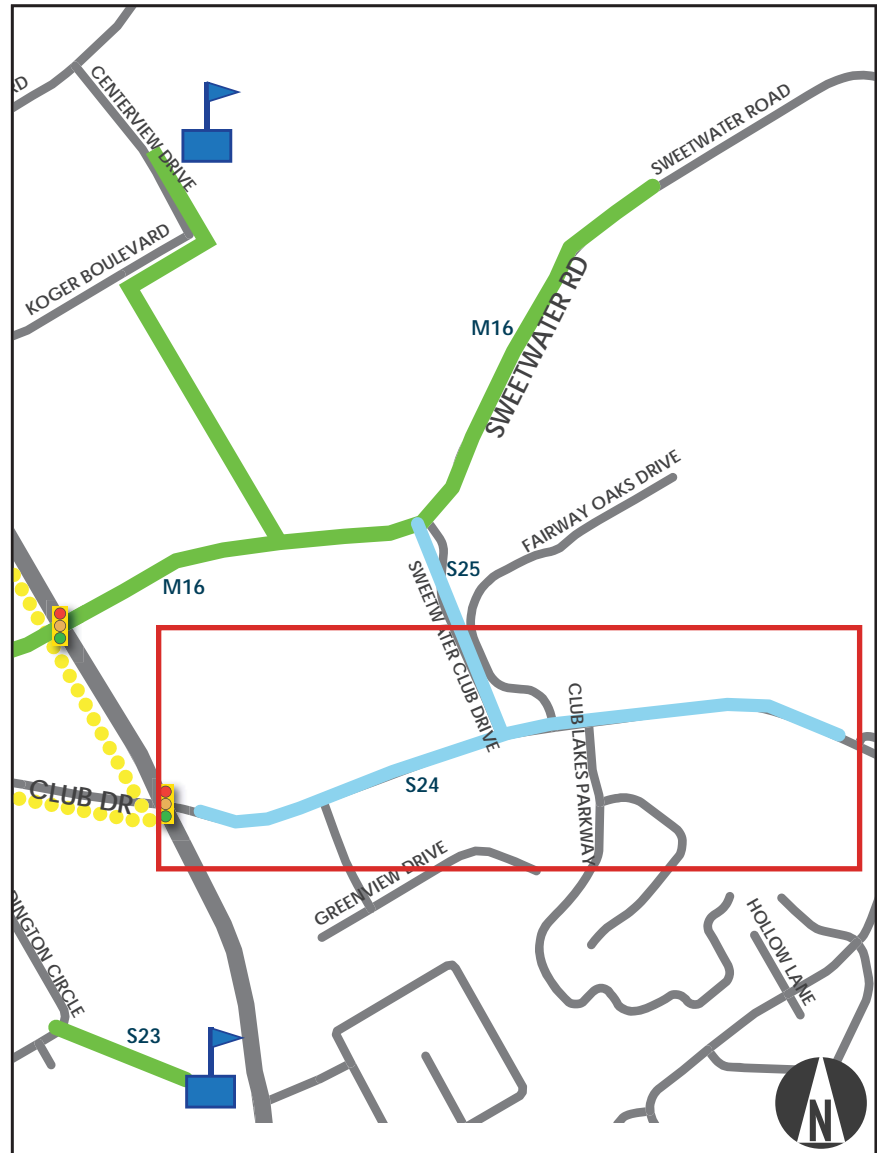
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$124,200	2015	\$223,600	2015-2016	\$1,242,000	\$248,400	\$1,838,200



Selected Project

# Sweetwater Club Drive Sidewalk

Ref. No.  
S-25

## Project Description

Install sidewalk along the west side of Sweetwater Club Drive from Sweetwater Rd to Club Dr. At the intersection of Sweetwater Club Dr at Club Dr, replace striped islands with concrete islands with ADA ramps on the NE and NW corners and add a crosswalk on the north leg.

## Justification

Provides pedestrian route for travel between Club Drive and Sweetwater Road. Improves pedestrian crossing safety.

## Jurisdiction

Gwinnett County

## Service Type

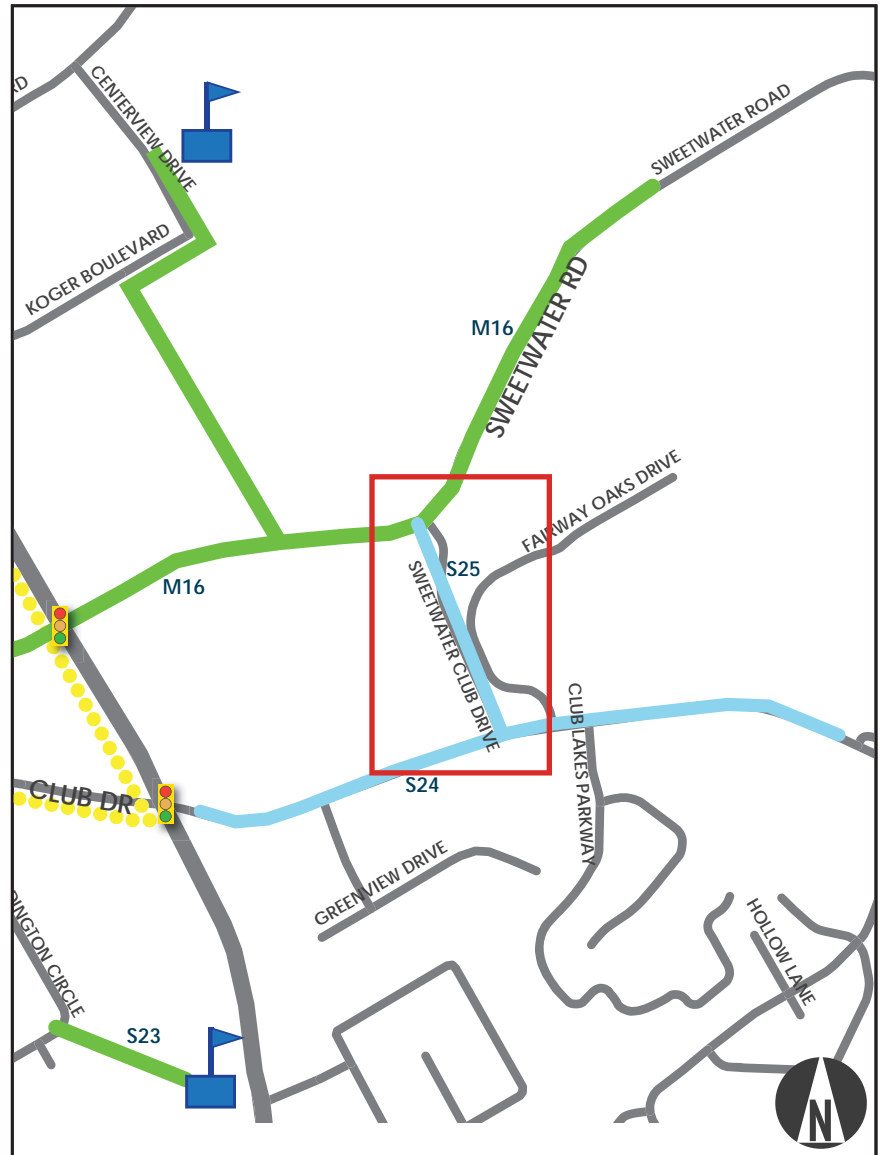
Sidewalk

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Short-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$38,200	2015	\$34,000	2016	\$191,000	\$19,100	\$282,300



# Gwinnett County Transit Gwinnett Place Mall Transit Center Upgrade

Ref. No.  
S-26

## Project Description

- Transit Center Design - Upgrade existing transit center design with improved passenger amenities that include an enclosed/covered waiting area with benches, trash receptacles, bike parking facilities, vending machines, restrooms, and transit kiosk.
- Transit Center Access - Extend the curbs on the south leg of the intersection of Satellite Blvd at Gwinnett Plantation Way to reduce the roadway width to 36 ft. Stripe the south leg with three total lanes, a left-turn lane and a shared through/right-turn lane on the northbound approach and one southbound receiving lane.
- Transit Center Access - Modify access to traffic circulation for the transit center from Gwinnett Plantation Way to move the access point further from Satellite Boulevard.
- Transit Center Access - Create a new taxi stand close to the buses to prevent the need for pedestrians to cross Gwinnett Plantation Way to access taxis or improve the pedestrian crossing to the existing parking lot/informal taxi stand area.

## Justification

Provides improved transit center access and circulation. Provides improved transit center amenities and information for riders.

## Jurisdiction

## Gwinnett County

### Service Type

Transit Center

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. T-1/O-3

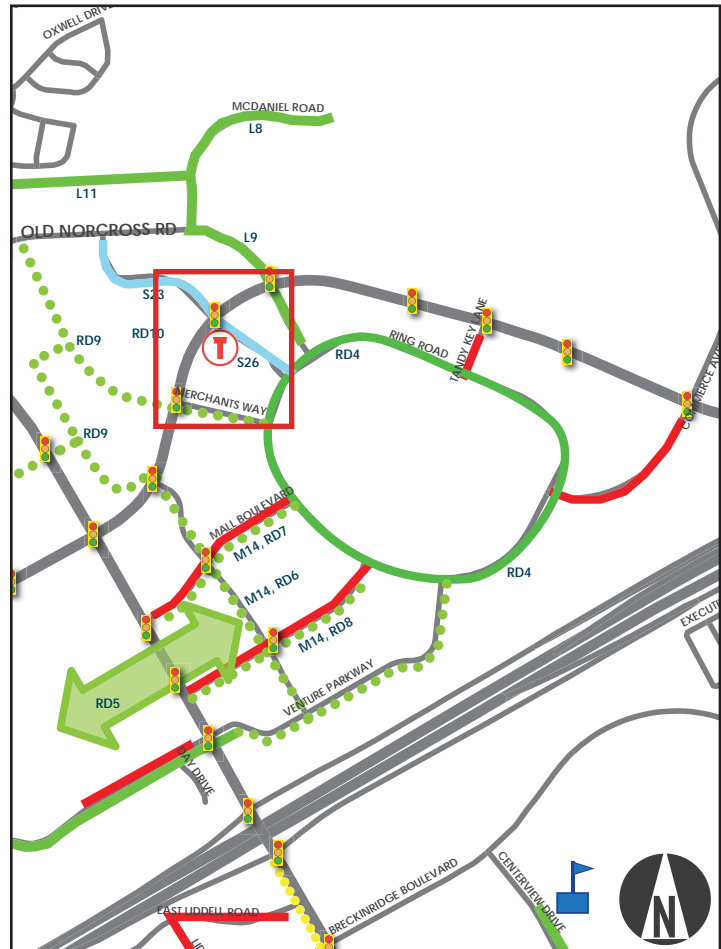
Implementation	Short-term
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### Goals Addressed by Improvement:

- |                                     |   |                                     |                           |
|-------------------------------------|---|-------------------------------------|---------------------------|
| <input checked="" type="checkbox"/> | Serves Growth in Travel Demand              | <input checked="" type="checkbox"/> | Enhance Access to Transit |
| <input checked="" type="checkbox"/> | Sidewalk/Bike Connections to Activity Areas |                                     |                           |

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$90,000	2015	\$45,000	2016	\$450,000	\$90,000	\$675,000



 Selected Project



# Gwinnett County Transit Bus Route Modification

Ref. No.  
S-27

## Project Description

Change Bus Route 10 or 30 to provide transit access to Pleasant Hill Road north of I-85. Utilize Breckinridge Road west from Old Norcross Road to Pleasant Hill Road, then Pleasant Hill Road north to Satellite Boulevard, then east to the transit center. Install four bus shelters along Pleasant Hill Road. Consider increased bus frequency for routes 10 and 40. (cost includes changes to signage and bus shelters only - no transit operational costs.

## Justification

Provides improved access to transit for patrons and workers in retail establishments along Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

Transit

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. T-2

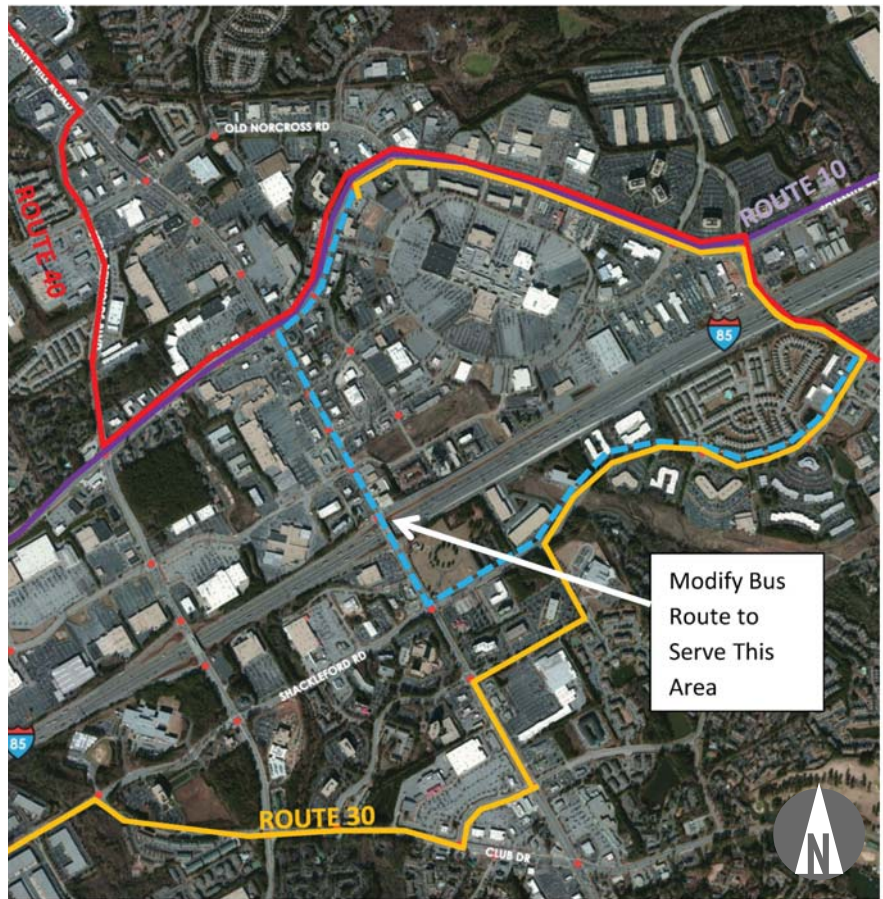
Implementation Short-term

## Goals Addressed by Improvement:

- ☒ Serves Growth in Travel Demand
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2016	\$10,000	NA	\$0	2016	\$50,000	\$5,000	\$65,000



# Pleasant Hill Road at Club Drive - Intersection Modifications

Ref. No.  
S-4, M-1

## Project Description

Provide triple left turn NB and channelized dual right turn EB. Add a third through lane EB and WB on Club Drive.

## Justification

Improves intersection operations at bottleneck location by increasing intersection capacity. Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

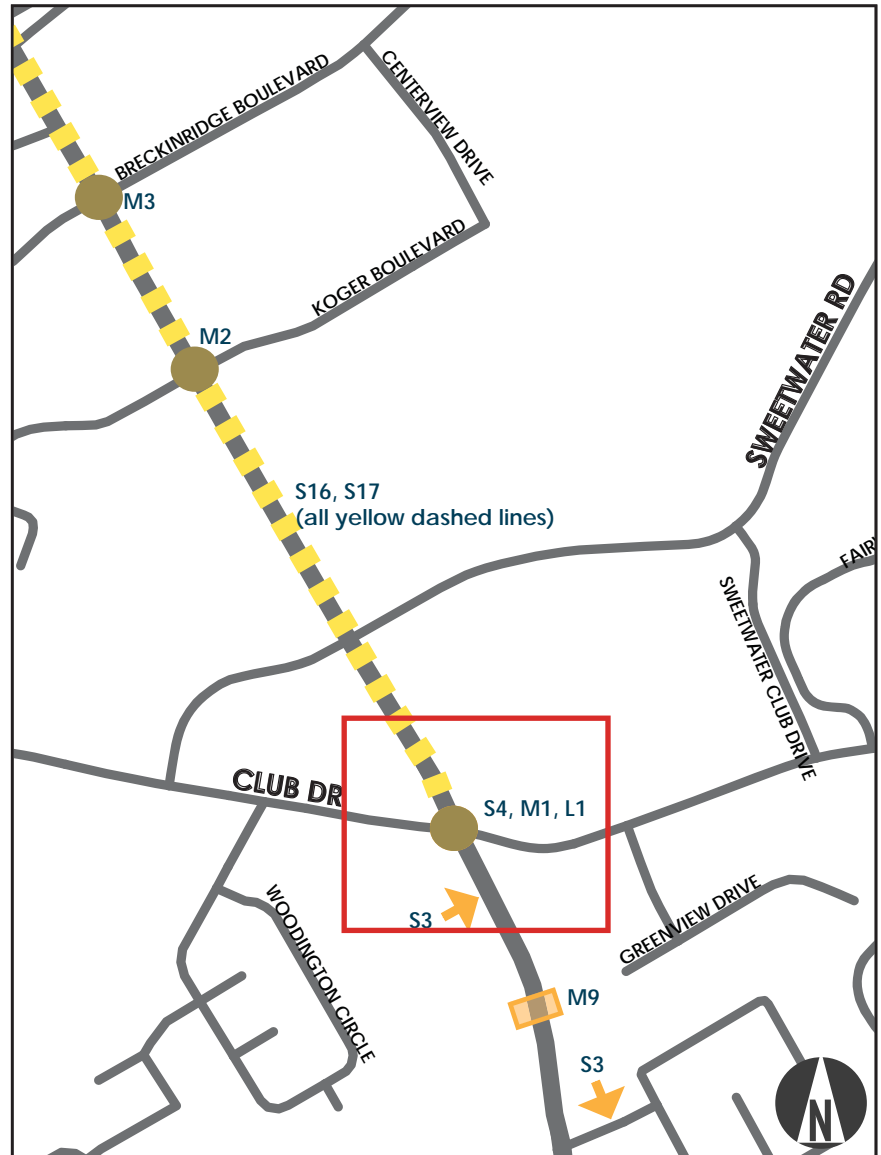
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-2

Implementation Short- to mid-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$112,500	2015	\$247,500	2016	\$750,000	\$150,000	\$1,260,000



# Pleasant Hill Rd at Crestwood Pkwy/Koger Blvd - Right Turn Lane

Ref. No.  
M-2

## Project Description

Add a right turn lane on the northbound approach.

## Justification

Improves traffic operations at the intersection. Improves pedestrian crossing safety.

## Jurisdiction

Gwinnett County

## Service Type

Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

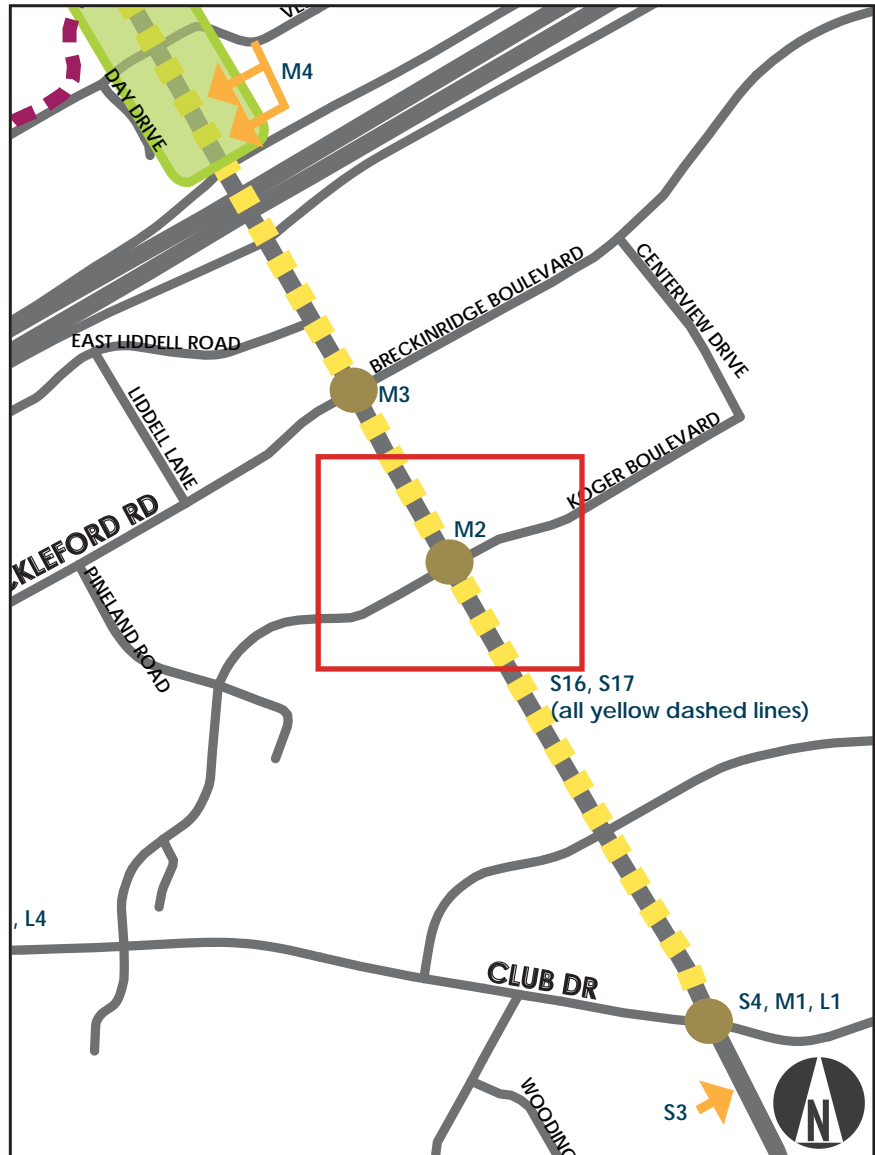
Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Serves Growth in Travel Demand

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$9,190	2017-2023	\$6,893	2017-2023	\$45,950	\$9,190	\$71,223



Selected Project



# Pleasant Hill Rd at Breckinridge Road Intersection Improvement

Ref. No.  
M-3

## Project Description

Provide westbound dual left turns and add a southbound right turn lane.

## Justification

Improves traffic operations at the intersection. Reduces the potential for queued vehicles to affect operations at the DDI interchange.

## Jurisdiction

Gwinnett County

## Service Type

Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

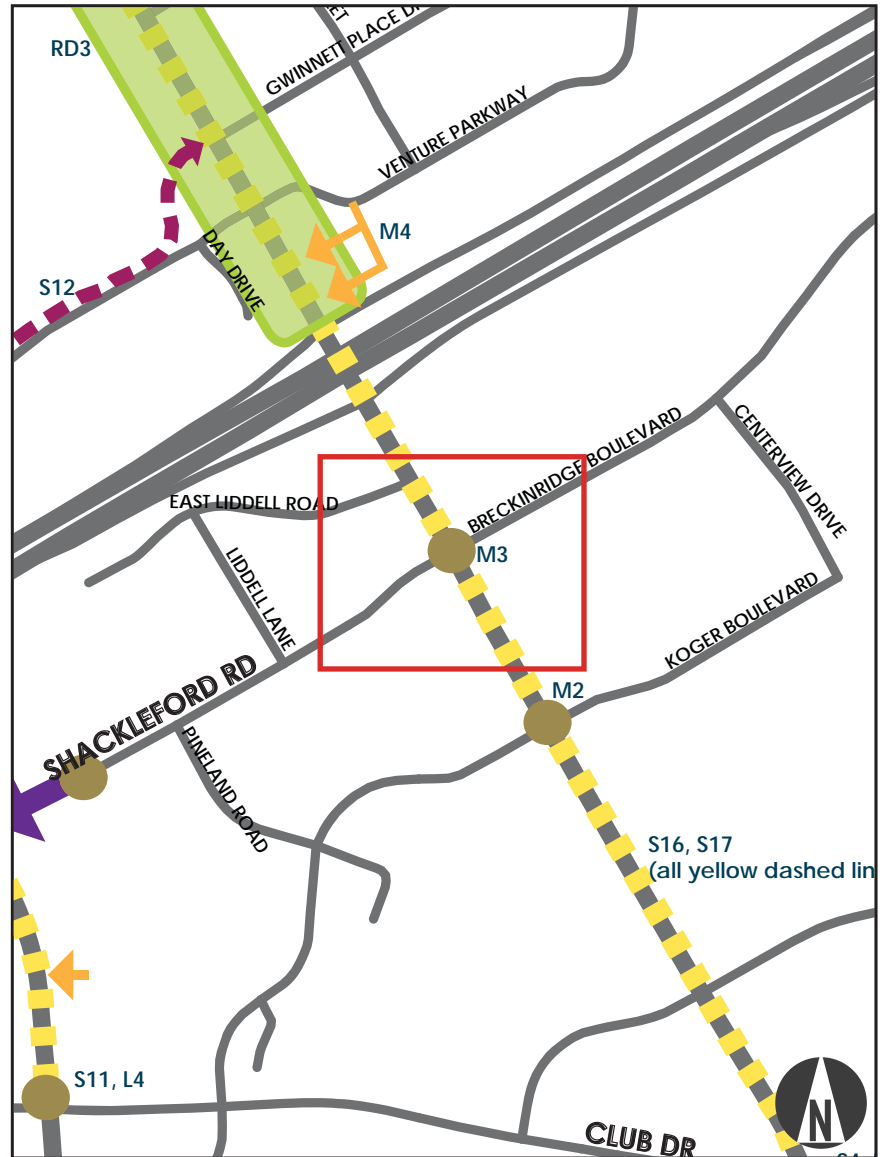
Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$50,000	2017-2023	\$162,500	2017-2023	\$250,000	\$50,000	\$512,500



Selected Project



# Pleasant Hill Rd at Venture Parkway Access Road

Ref. No.  
M-4

## Project Description

Construct 2-lane access road from Venture Parkway east of Pleasant Hill Road extending south towards I-85. This access road will provide backside access to parcels adjacent to Pleasant Hill Road.

## Justification

Improves access to properties adjacent to I-85 interchange.

## Jurisdiction

Gwinnett County

## Service Type

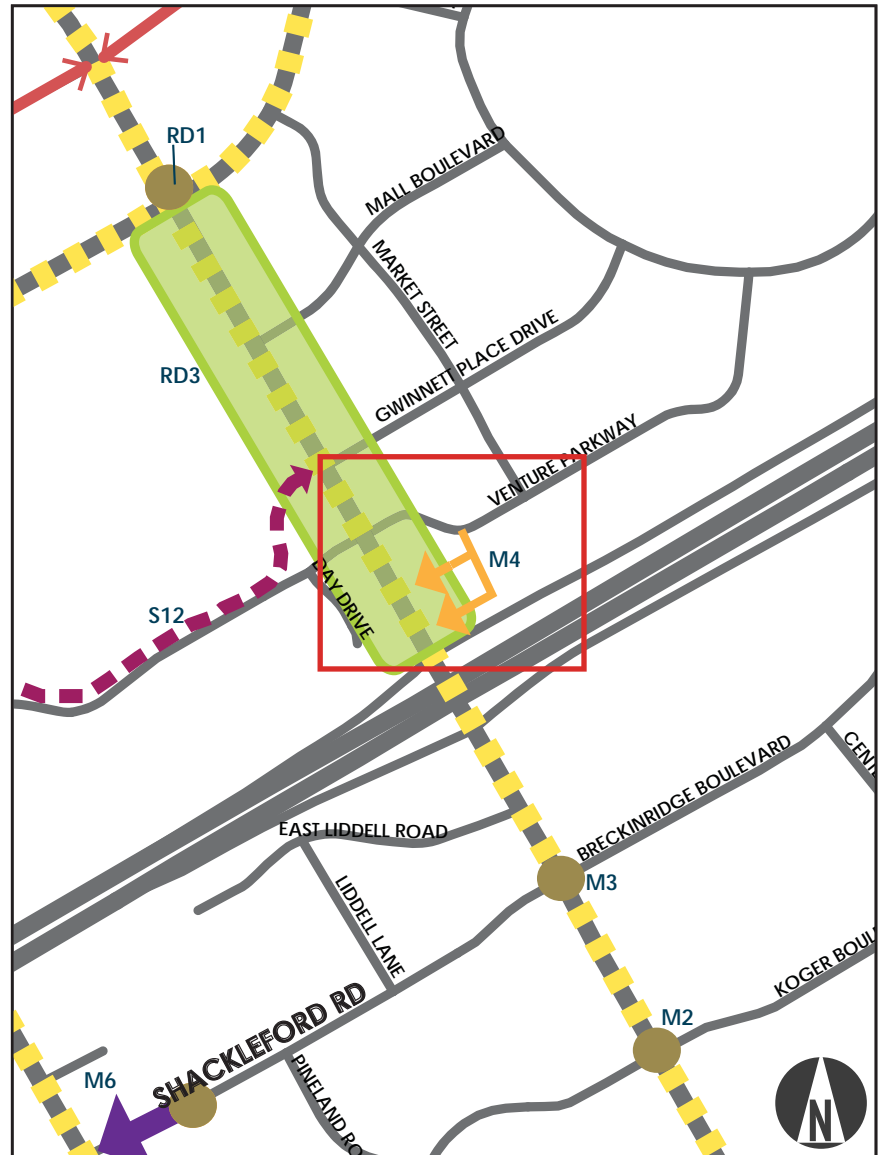
Access Management

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$140,000	2017-2023	\$105,000	2017-2023	\$700,000	\$140,000	\$1,085,000



# Venture Dr at Steve Reynolds Blvd - Dual Left Turns

Ref. No.  
S-7, M-5

## Project Description

Install NB, SB, and EB dual left turns.  
Convert NB right turn free flow lane to NB right turn channelized with overlap phase.  
Extend NB right turn lane and install SB right turn lane.

## Justification

Improves intersection operations at bottleneck location by increasing intersection capacity. Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

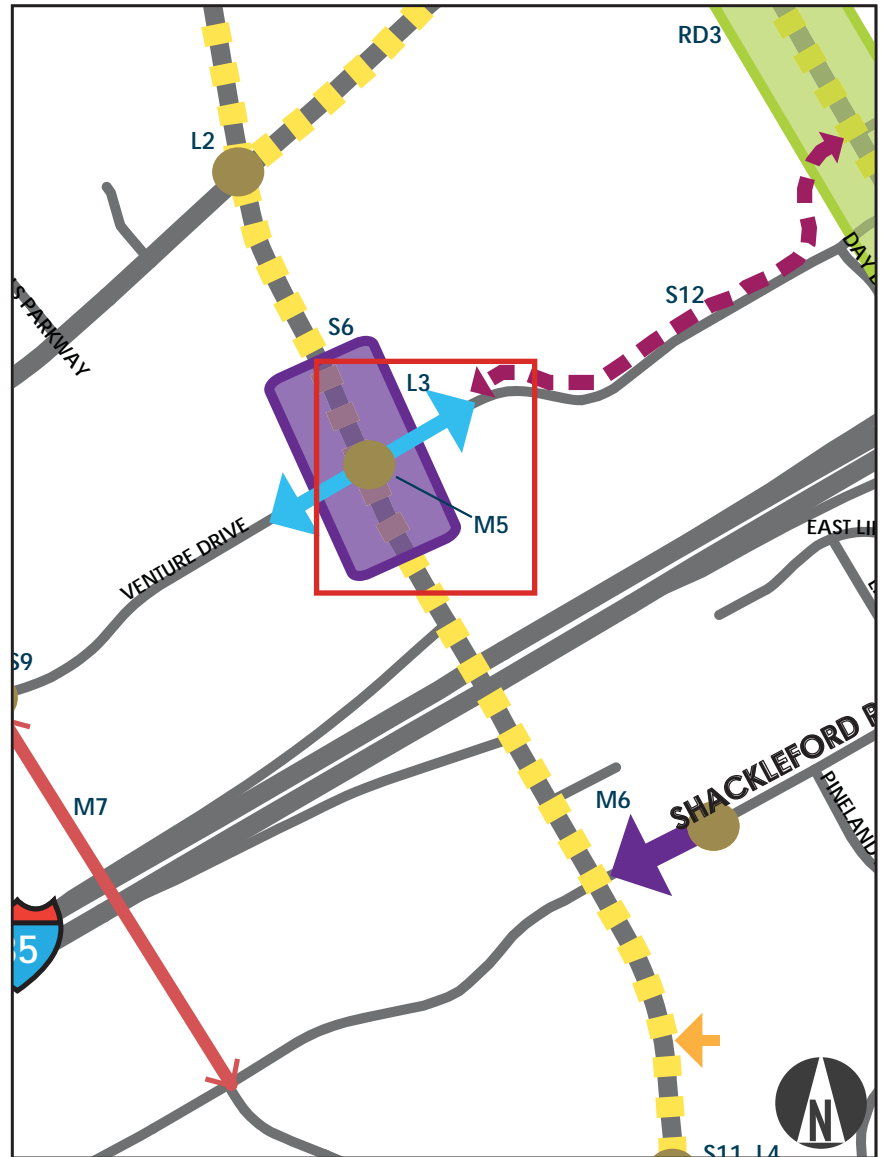
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. O-4

Implementation Short- to mid-term



  Selected Project

## Goals Addressed by Improvement:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Reduce Congestion/Improve Operations   | <input checked="" type="checkbox"/> Improve Pedestrian Crossing Safety |
| <input checked="" type="checkbox"/> Serves Growth in Travel Demand         |  |
| <input checked="" type="checkbox"/> Increase Utilization of Steve Reynolds |  |
| <input checked="" type="checkbox"/> Improve Traffic Safety                 |  |

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2014	\$114,182	2015	\$115,000	2016	\$638,909	\$127,782	\$995, 873



# Steve Reynolds Boulevard at Shackleford Road Intersection Improvement

Ref. No.  
M-6

## Project Description

Extend westbound right turn lane. Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on NE corner

## Justification

Improves traffic operations at the intersection. Improves pedestrian crossing safety.

## Jurisdiction

Gwinnett County

## Service Type

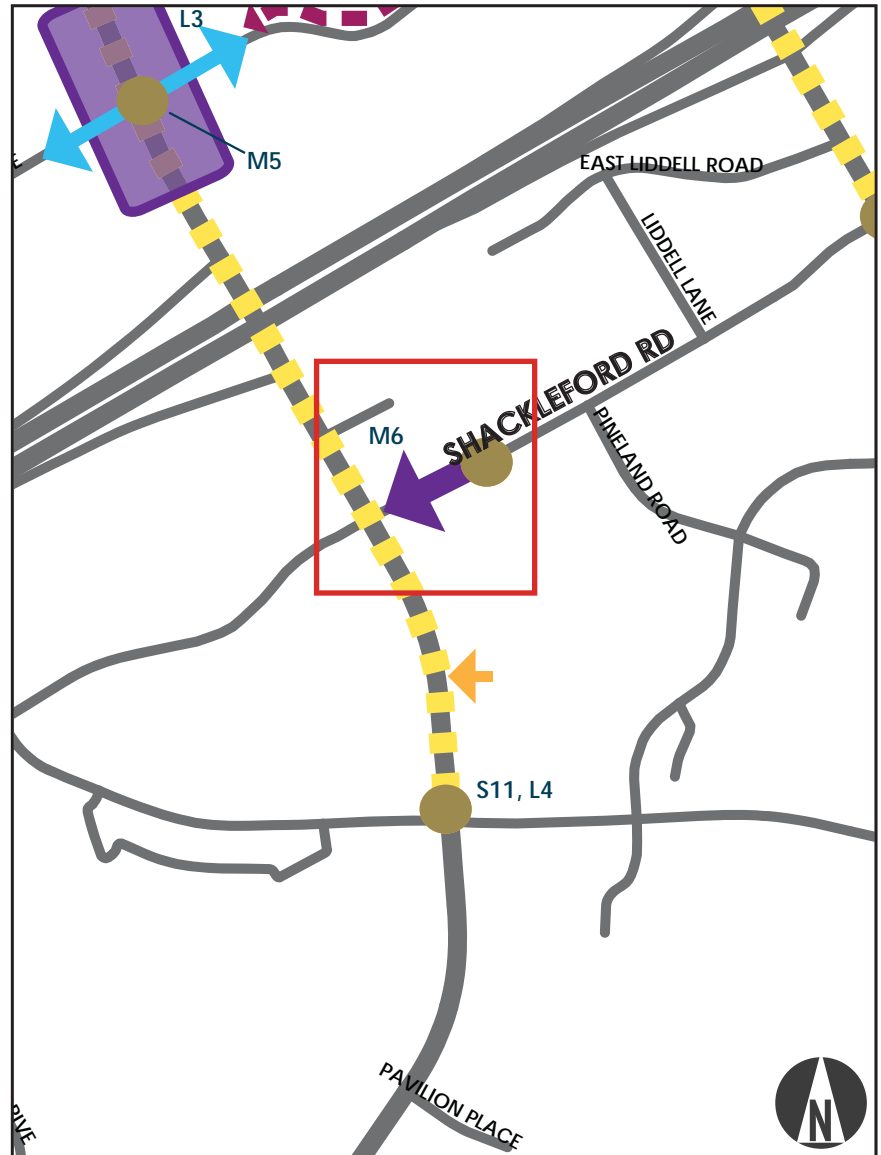
Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$23,578	2017-2023	\$17,684	2017-2023	\$117,892	\$23,578	\$182,732



# West Liddell Rd to Club Dr Connector

Ref. No.  
S-15, M-7

## Project Description

New 4-lane roadway with 10' Multi-use path on one side and 5' sidewalk on the other side from Club Dr to Venture Drive including and overpass at I-85. (PE ONLY - This cost is for the planning and engineering of improvements. The total construction cost is estimated at \$20 million).

## Justification

Provides regional roadway connection across I-85 to reduce traffic on Steve Reynolds Boulevard and Pleasant Hill Road to accommodate current traffic and future growth. Provides pedestrian and bicycle connections across I-85.

## Jurisdiction

Gwinnett County

## Service Type

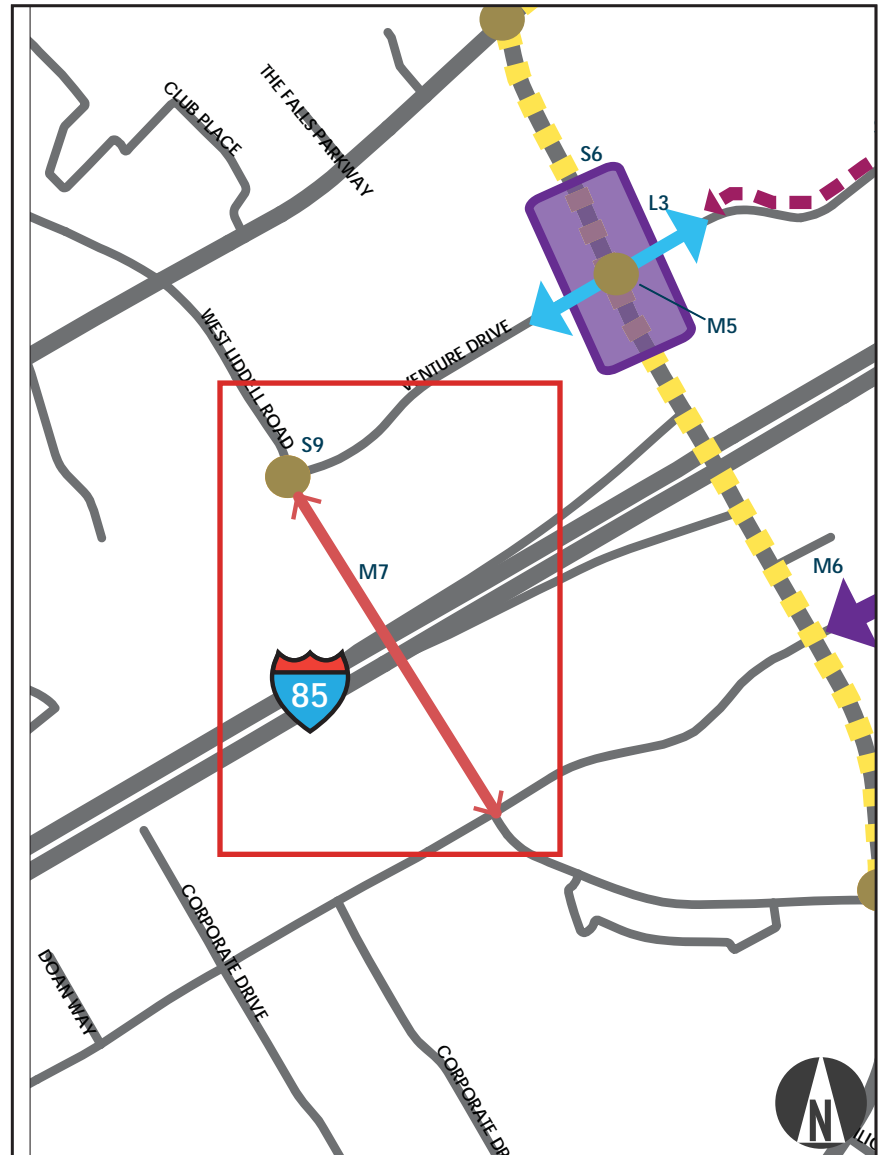
Major Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. R-9

Implementation Short- to mid-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity
- ☒ Serves Growth in Travel Demand

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2015-2016	\$750,000	2017-2018	\$7,000,000	2019-2021	\$13,100,000	\$0	\$20,850,000



# Chesden Road Improvement

Ref. No.  
M-8

## Project Description

Upgrade existing interparcel road to meet current roadway standard with proper pavement markings, curb and gutter, sidewalks, and sharrow markings or bike lanes.

## Justification

Provides a roadway connection between Pleasant Hill Road and Steve Reynolds Boulevard. Provides pedestrian and bicycle connections between Pleasant Hill Road and Steve Reynolds Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

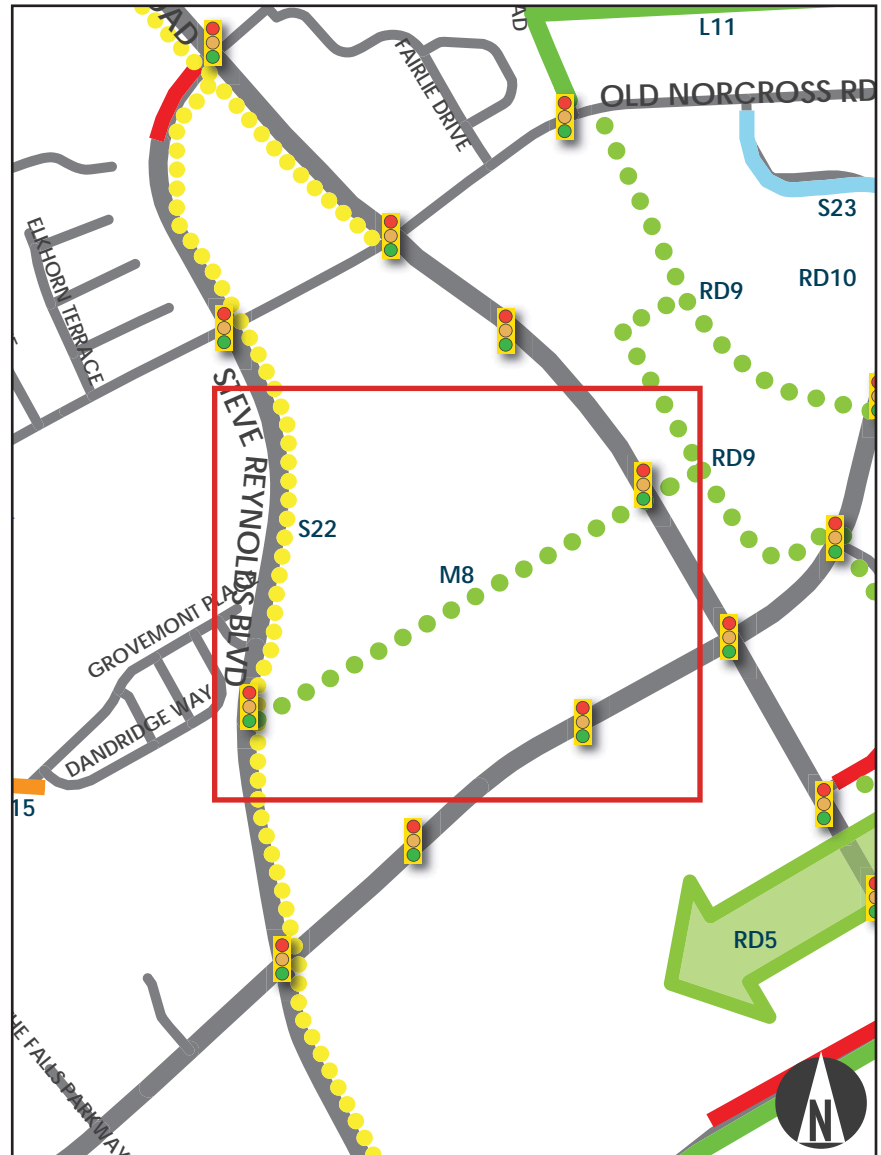
Complete Street

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Increase System Connectivity
- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$54,167	2017-2023	\$40,626	2017-2023	\$270,837	\$54,167	\$419,797



# Changeable Message Signs Along Pleasant Hill Road

Ref. No.  
M-9

## Project Description

Install Changeable Message Signs along Pleasant Hill Rd with travel information for through vehicles - North of Steve Reynolds Blvd for SB traffic and south of Club Drive for NB traffic (4 signs total)

## Justification

Provides driver information to address corridor congestion by balancing traffic demand between Pleasant Hill Road and Steve Reynolds Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

ITS

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

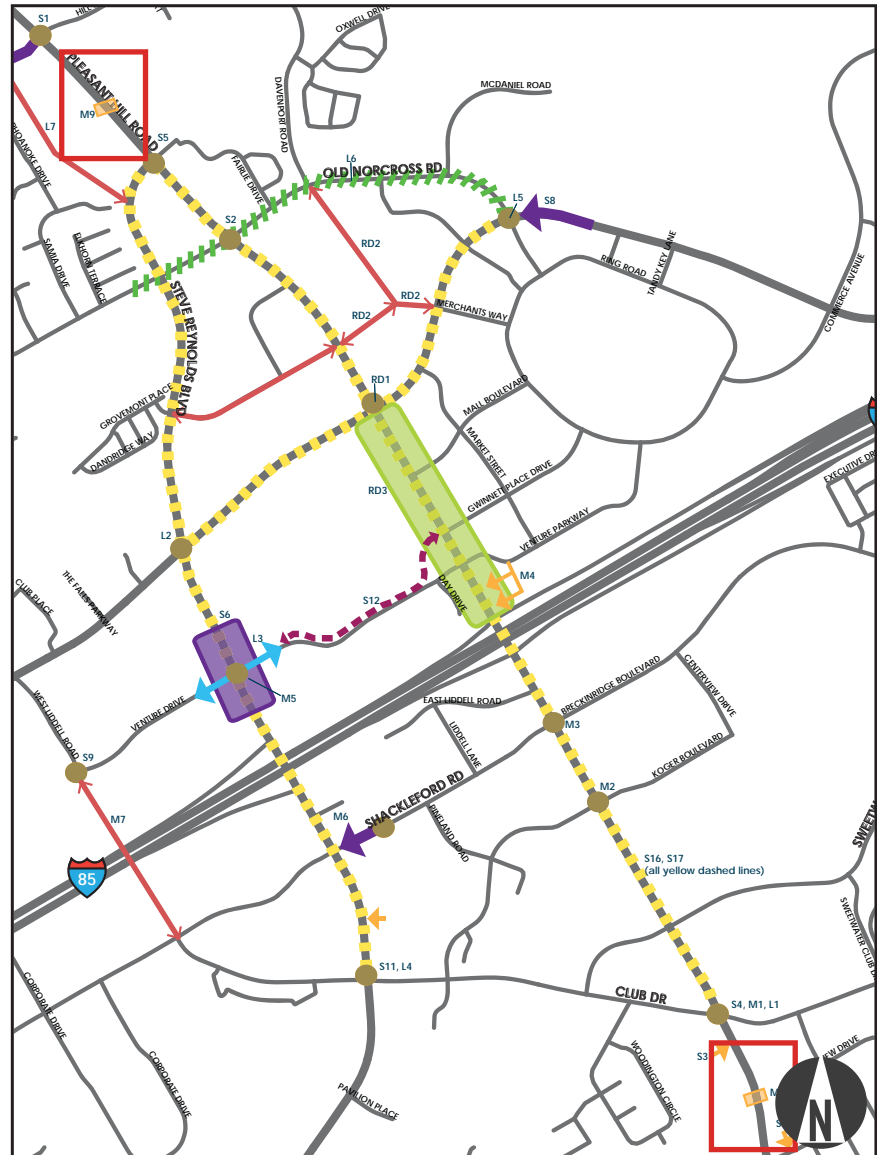
Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$32,000	2017-2023	\$32,000	2017-2023	\$320,000	\$64,000	\$448,000



Selected Project



# Pedestrian Crossing Safety Modifications Along Pleasant Hill Road

Ref. No.  
M-10

## Project Description

- Shorty Howell Park - Remove right turn island striping on SE corner and install stop bar.
- North Berkley Lake Rd - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on NE corner. Remove striped islands on NE and SE corners and install stop bar at NE corner. Install crosswalk and pedestrian indications on south side of intersection.
- Steve Reynolds Blvd - Remove right turn island striping on SW corner and install stop bar.
- Gwinnett Station (Commercial Access North of Satellite Blvd) - Install crosswalks with pedestrian crossing indications for east, west, and south sides of the intersection.
- Breckinridge Blvd - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on SW corner.
- Koger Blvd - Remove right turn island striping on NE corner and modify curbing to reduce right turn radius and increase sidewalk area.

## Justification

Improves pedestrian crossing safety along Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-6

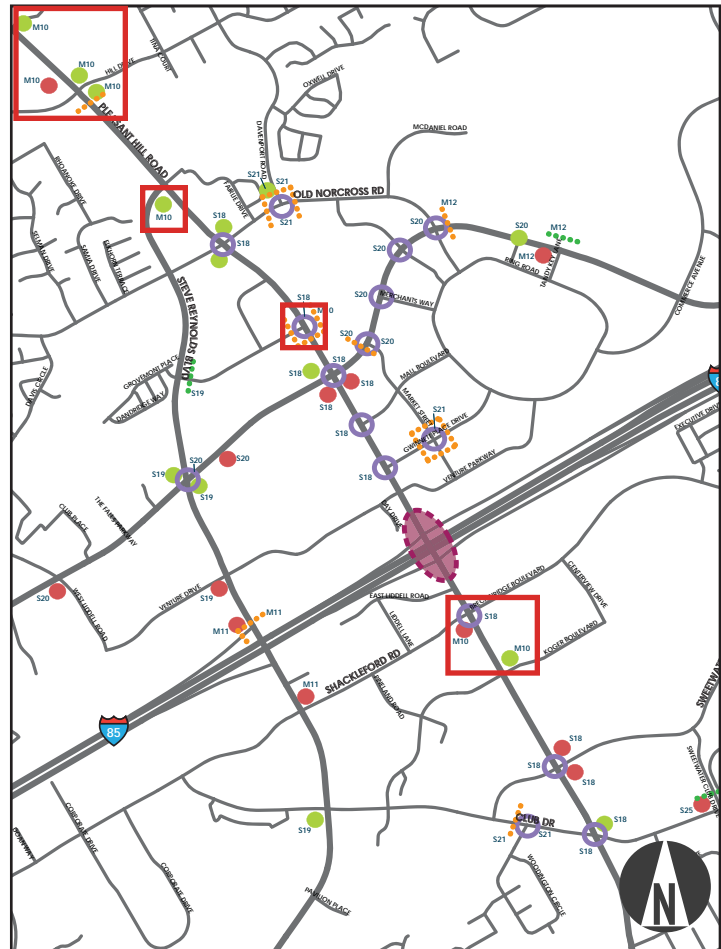
Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$0	2017-2023	\$0	2017-2023	\$0	\$0	\$0



Selected Project



# Pedestrian Crossing Safety Modifications Along Steve Reynolds Boulevard

Ref. No.  
M-11

## Project Description

I-85 SB - Add crosswalk and pedestrian crossing signal for movements crossing Steve Reynolds Boulevard and add a concrete channelization island in the northwest corner.

## Justification

Improves pedestrian crossing safety along Steve Reynolds Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

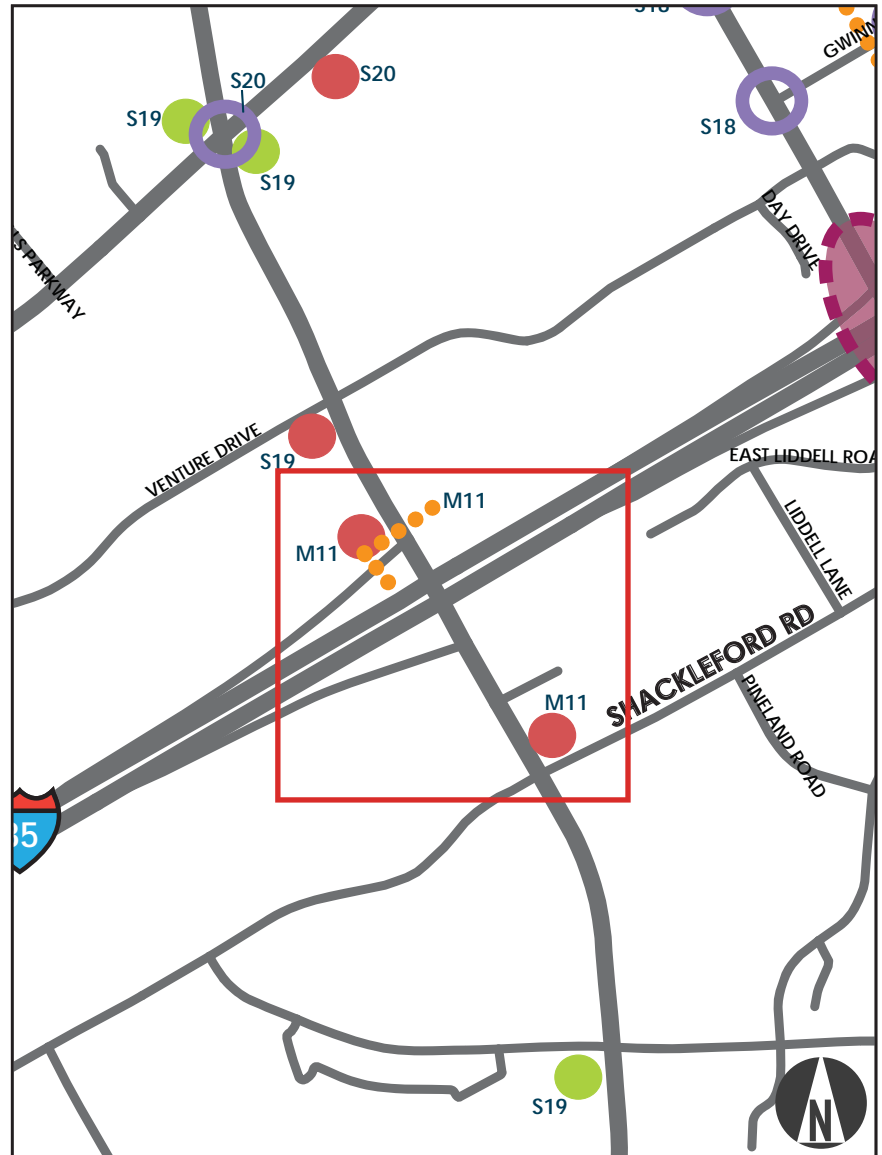
Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Improve Traffic Safety
- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$12,000	2017-2023	\$0	2017-2023	\$30,000	\$6,000	\$48,000



# Pedestrian Crossing Safety Modifications Along Satellite Boulevard

Ref. No.  
M-12

## Project Description

- Old Norcross Rd (east) - Replace striped island with concrete island with ADA ramps and pedestrian crossing indications on NE corner.
- Tandy Key Ln - Realign crosswalk and install ADA ramps on north side of intersection. Replace striped island with concrete island w/ ADA ramps & pedestrian crossing indications on SW corner.
- Old Norcross Rd (west) - Install crosswalk with pedestrian signal heads on east side of intersection

## Justification

Improves pedestrian crossing safety along Satellite Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

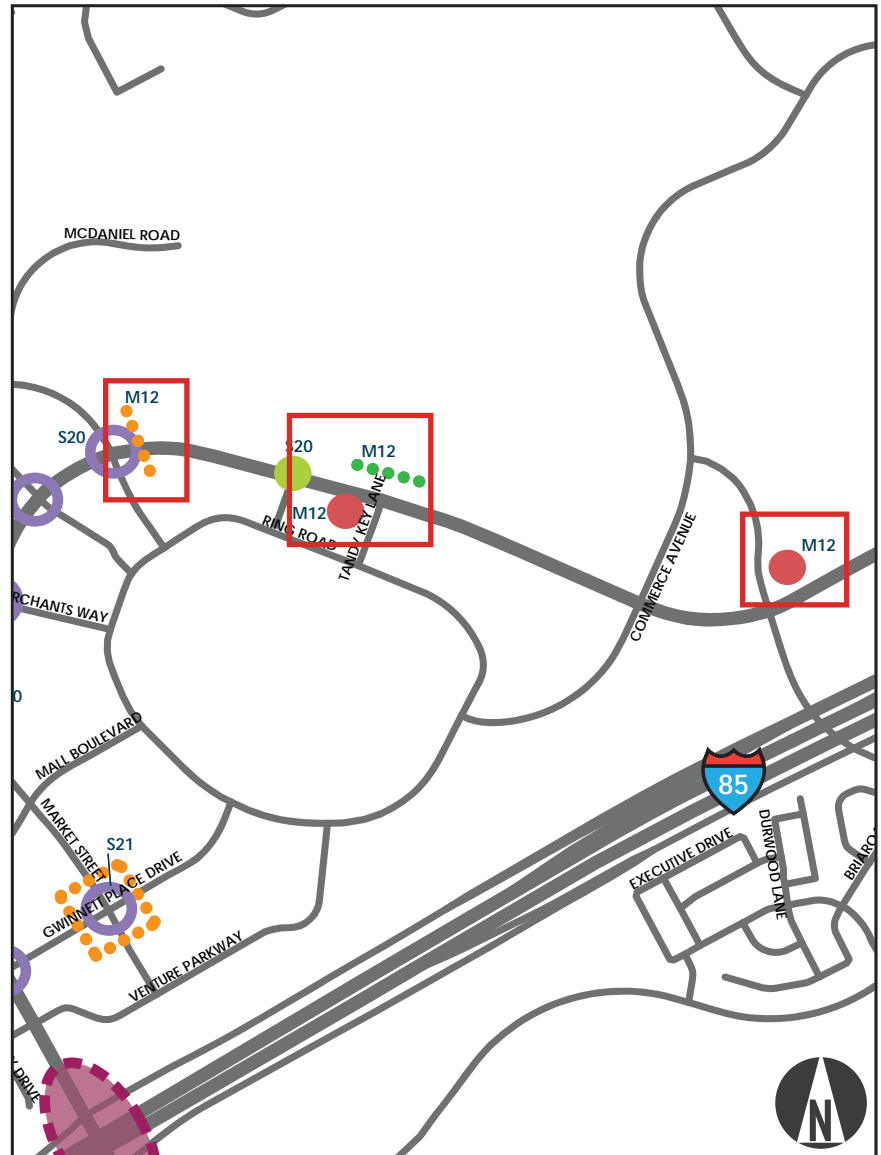
Pedestrian

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Improve Pedestrian Crossing Safety
- ☒ Sidewalk/Bike Connections to Activity Areas
- ☒ Enhance Access to Transit

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$9,600	2017-2023	\$0	2017-2023	\$48,000	\$9,600	\$0



# Club Drive Sidewalk and Multi-use Path with Connection to Louise Radloff Middle School

Ref. No.  
M-13

## Project Description

Install 5' sidewalk along north side of Club Drive from Steve Reynolds Blvd to Shackleford Road and install 10' Multi-use path along south side of Club Drive from Shackleford Road to Sweetwater Road. Install a 10' Multi-use path along the north side of Shackleford Road from Club Drive to Louise Radloff Middle School.

## Justification

Provides pedestrian and bicycle connection between commercial center and residential areas. Provides pedestrian and bicycle connection between Middle School and residential areas.

## Jurisdiction

Gwinnett County

## Service Type

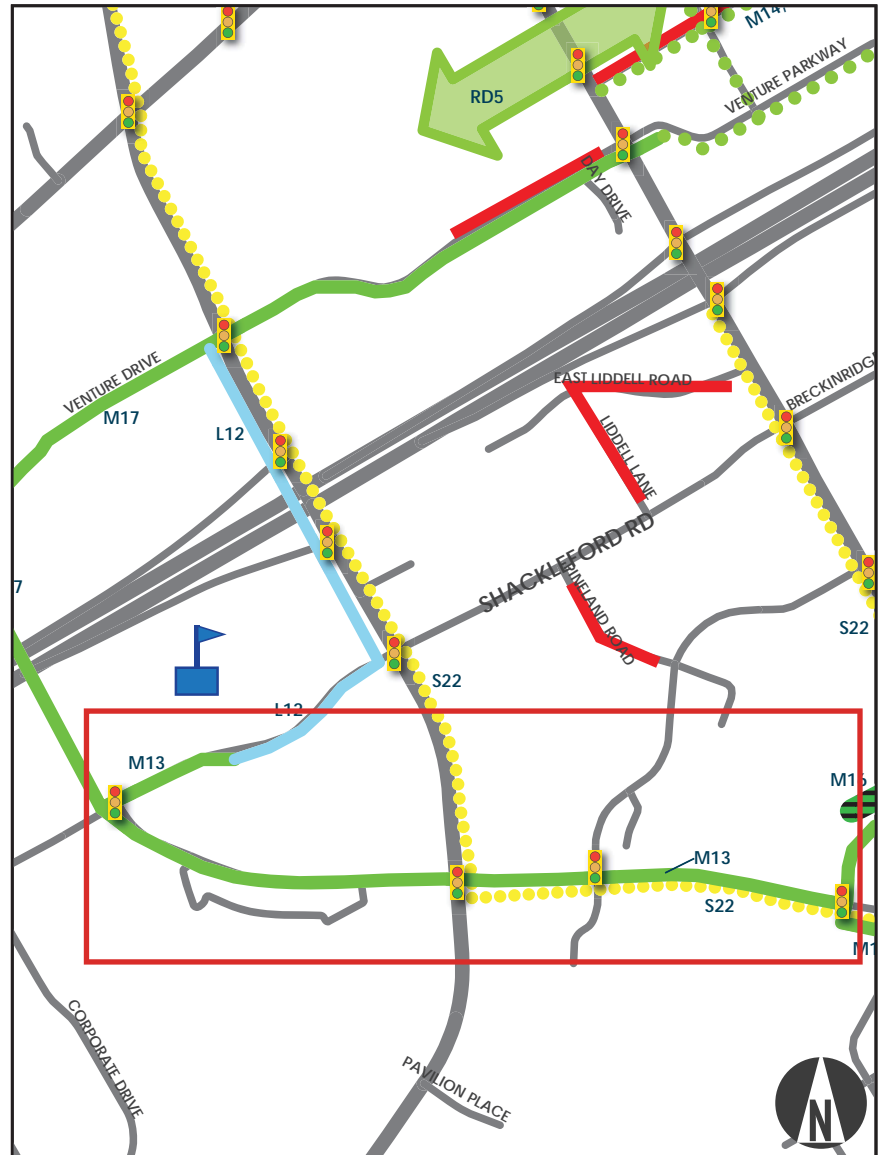
Multi-use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-18

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$196,156	2017-2023	\$147,117	2017-2023	\$980,778	\$196,156	\$1,520,206



# Gwinnett Place "Sharrow" Pavement Markings (shared bicycle and automobile use)

Ref. No.  
M-14

## Project Description

Implement "sharrow" pavement markings to indicate shared bicycle and automobile use along the following roadways:

- Market Street from Venture Drive to Satellite Boulevard
- Mall Boulevard from Pleasant Hill Road to Ring Road
- Gwinnett Place Drive from Pleasant Hill Road to Ring Road

## Justification

Provides bicycle connection and route around Gwinnett Place Mall.

## Jurisdiction

Gwinnett County

## Service Type

Shared Lane Markings

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-1/C-3/C-4

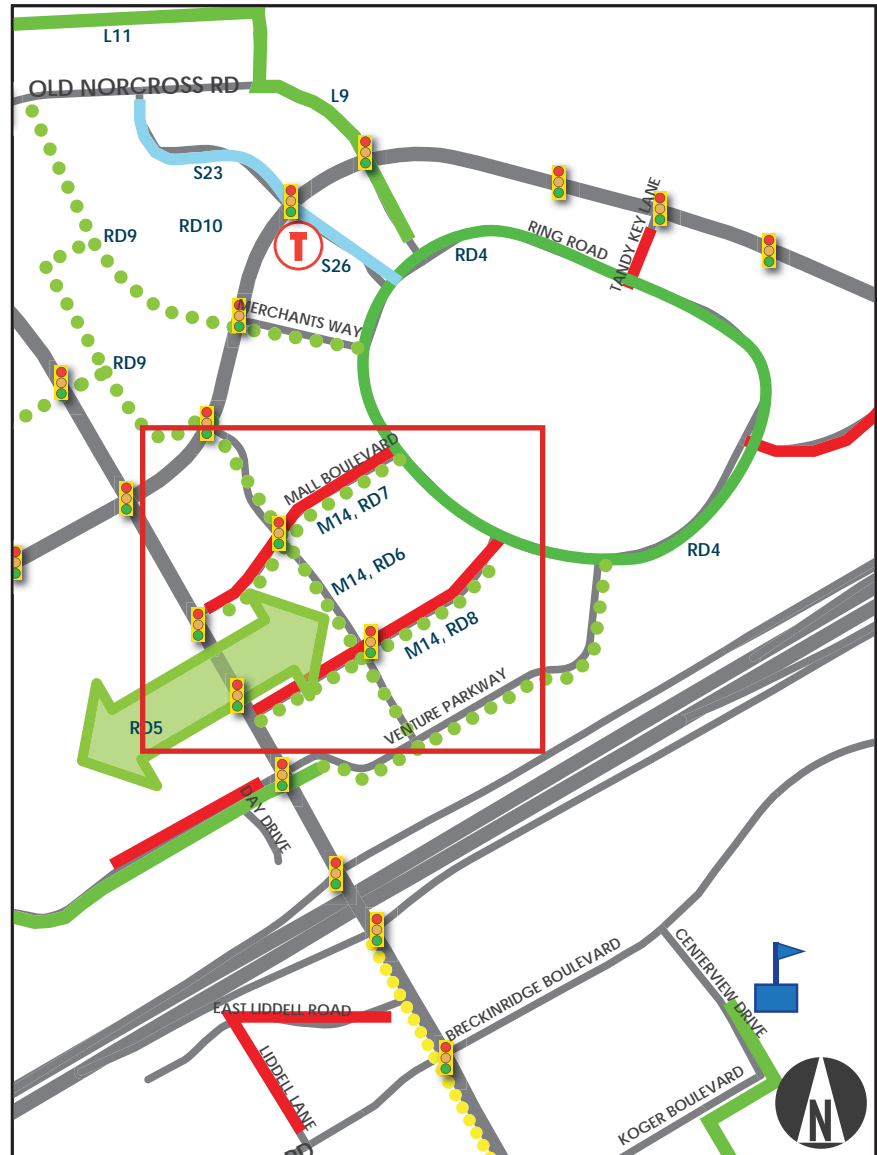
Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Serves Growth in Travel Demand
- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$1,443	2017-2023	\$0	2017-2023	\$14,429	\$2,886	\$18,758



Selected Project



# Davis Circle Multi-use Path Connection to Charles Brant Chesney Elementary School

Ref. No.  
M-15

## Project Description

Install 10' multi-use path along Davis Circle from west Liddell Road to Old Norcross Road with a connection to Charles Brant Chesney Elementary School. Provide multi-use path connections to Club Place and Falls Parkway.

## Justification

Provides pedestrian and bicycle connection between Elementary School and residential areas.

## Jurisdiction

Gwinnett County

## Service Type

Multi-Use Path

## Project Source

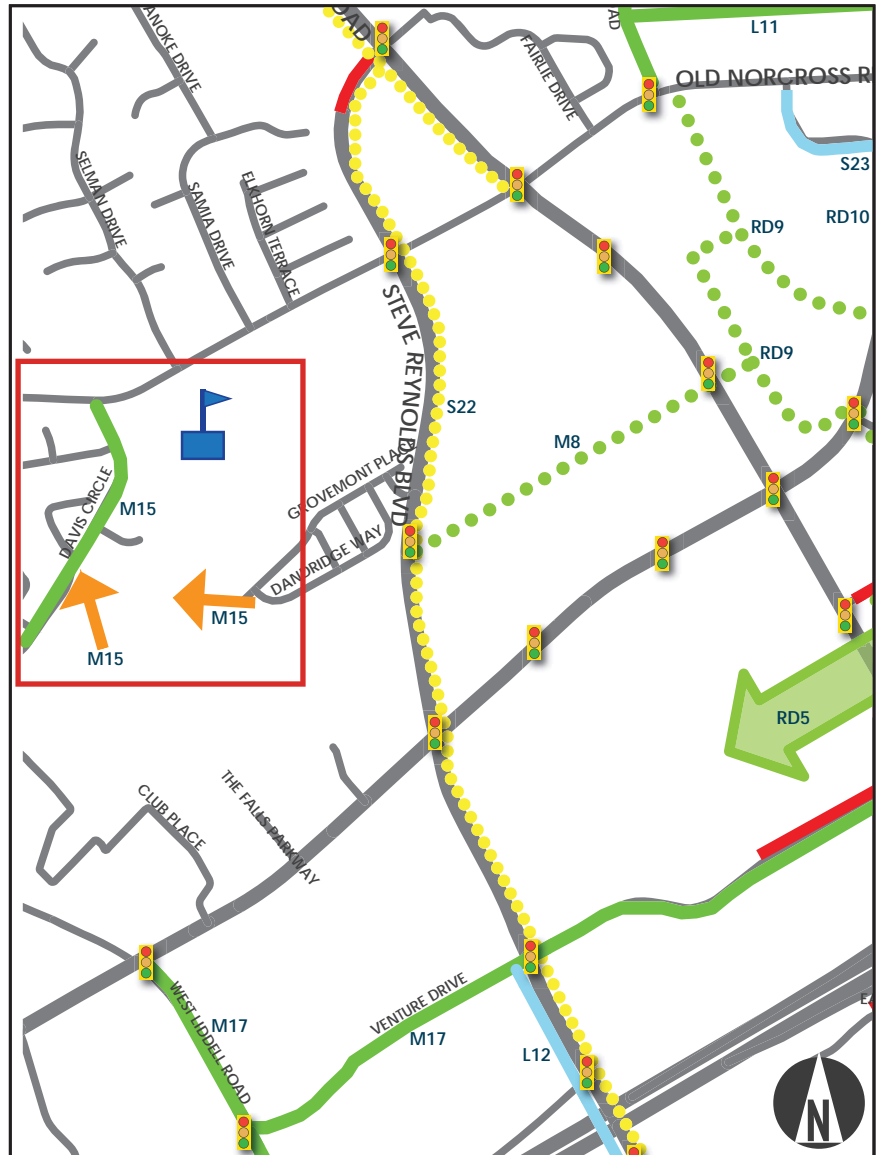
- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas



Selected Project

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$108,030	2017-2023	\$81,023	2017-2023	\$540,152	\$108,030	\$837,236



# Sweetwater Road Multi-use Path

Ref. No.  
M-16

## Project Description

Install 10' multi-use path along north side of Sweetwater Rd from Club Drive to Wesley Place. Install 10' multi-use path along south side of Club Drive from Sweetwater Road to Woodington Circle. Provide greenspace park adjacent to streetscape area in commercial parking lot on north side of Sweetwater Road

## Justification

Provides pedestrian and bicycle connection between commercial center and residential areas. Provides greenspace/park to enhance use of pedestrian and bicycle facilities.

## Jurisdiction

Gwinnett County

## Service Type

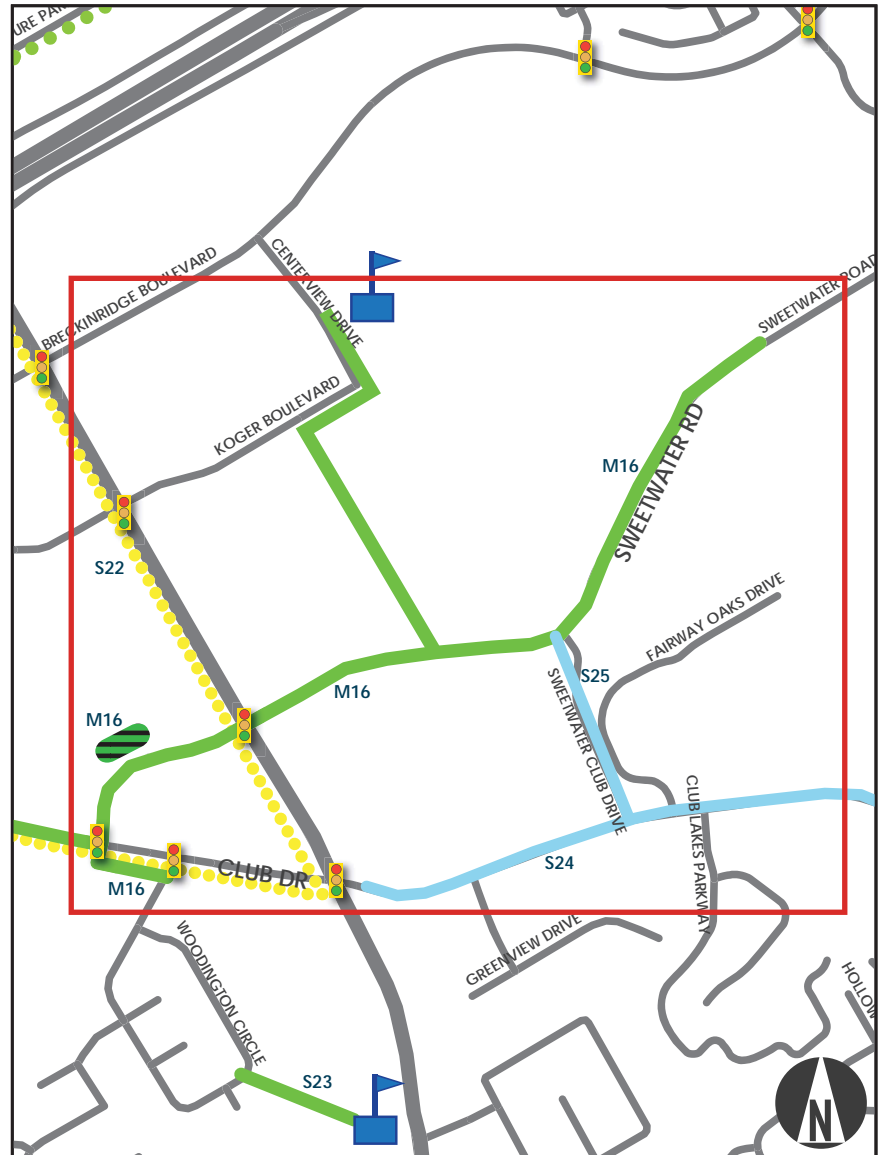
Multi-Use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-19

Implementation Mid-range



Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$192,273	2017-2023	\$294,204	2017-2023	\$961,363	\$192,273	\$1,640,113



# Venture Dr/West Liddell Dr Multi-use Path

Ref. No.  
M-17

## Project Description

Install 10' multi-use path along Venture Dr/  
West Liddell Dr connecting from Satellite  
Blvd to Steve Reynolds Blvd.

## Justification

Provides pedestrian and bicycle  
connection between Satellite Boulevard  
and Steve Reynolds Boulevard through  
commercial center.

## Jurisdiction

Gwinnett County

## Service Type

Multi-Use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

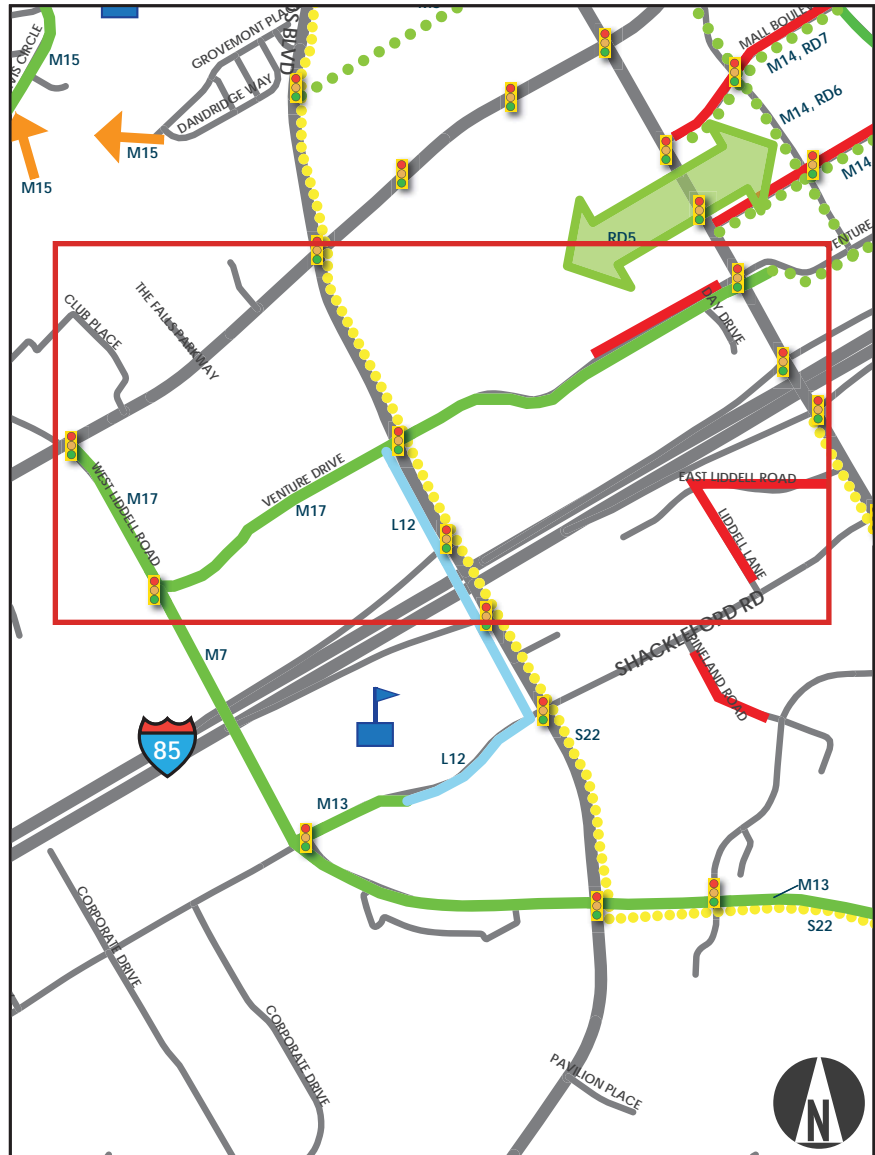
Implementation Mid-range

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2017-2023	\$175,030	2017-2023	\$131,273	2017-2023	\$875,152	\$175,030	\$1,356,486



Selected Project



# Pleasant Hill Rd at Club Drive - Major Intersection Capacity Improvement

Ref. No.  
L-1

## Project Description

Provide major capacity improvement (flyover for NB left turn lanes, Left Turn Overpass, or Continuous Flow Intersection[CFI]).

## Justification

Increases intersection capacity at bottleneck location to accommodate current deficiencies and anticipated growth. Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

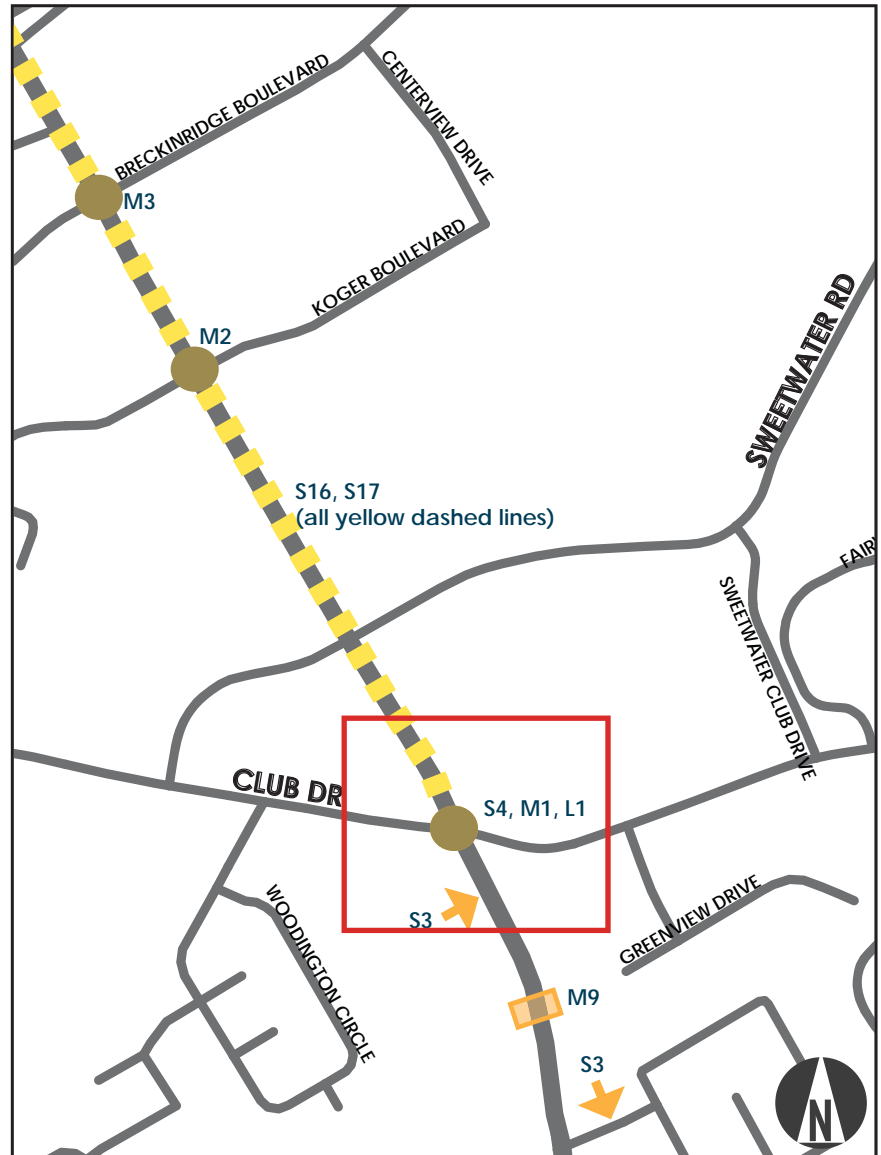
Major Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$2,903,455	2024-2040	\$2,177,591	2024-2040	\$14,517,273	\$2,903,455	\$22,501,773



# Steve Reynolds Blvd at Satellite Blvd - Major Intersection Capacity Improvement

Ref. No.  
L-2

## Project Description

Provide 3rd Through Lane Northbound and Southbound through intersection.

## Justification

Improves intersection operations by increasing intersection capacity.  
Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

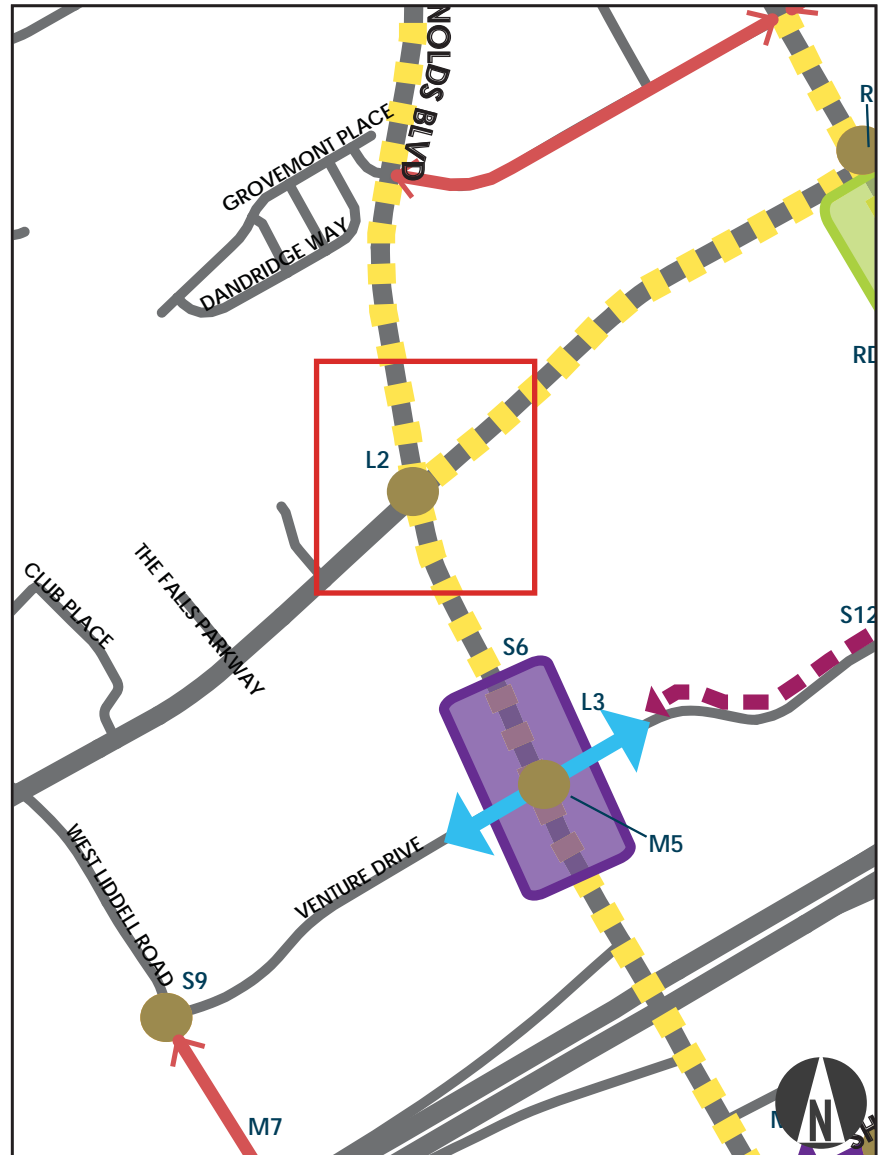
Major Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$79,091	2024-2040	\$59,318	2024-2040	\$395,456	\$79,091	\$612,957



# Venture Dr at Steve Reynolds Blvd - Underpass

Ref. No.  
L-3

## Project Description

Provide underpass for Venture Dr through lanes.

## Justification

Increases intersection capacity at bottleneck location to accommodate current deficiencies and anticipated growth. Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

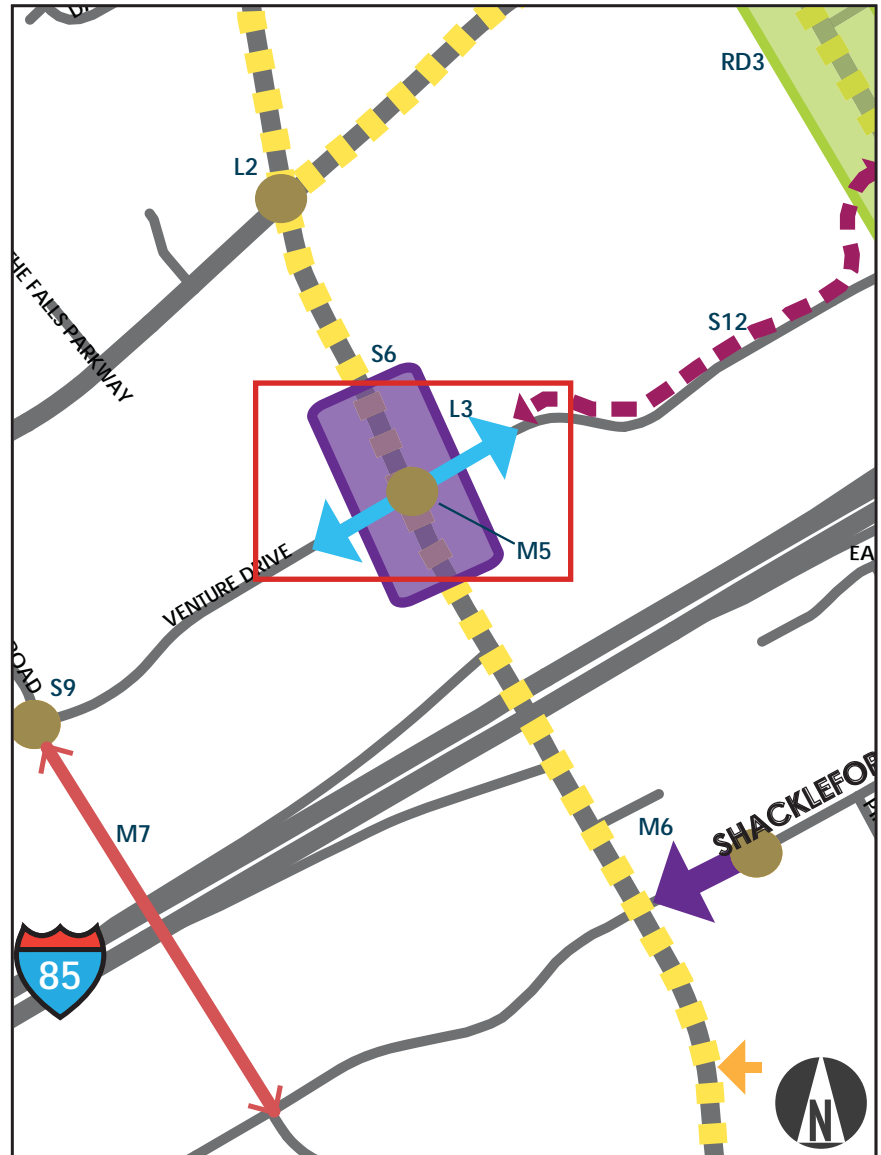
Major Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



☒ Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds
- ☒ Improve Traffic Safety
- ☒ Improve Pedestrian Crossing Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$2,903,455	2024-2040	\$2,177,591	2024-2040	\$14,517,273	\$2,903,455	\$22,501,773



# Club Dr at Steve Reynolds Blvd - Left Turn Lane Modification

Ref. No.  
L-4

## Project Description

Provide triple left turn lanes southbound.

## Justification

Increases intersection capacity .  
Facilitates the increased use of the Steve Reynolds Blvd corridor as an alternative to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

Intersection

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

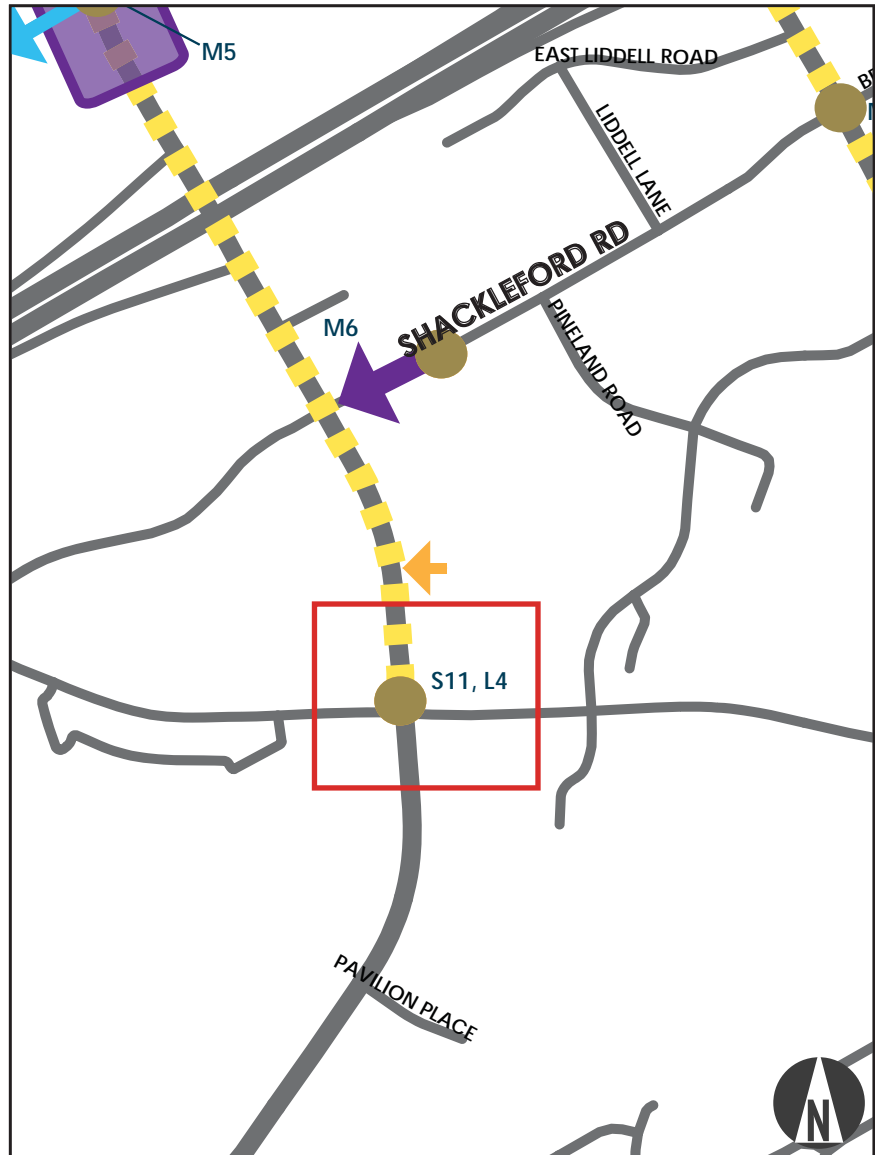
Implementation Long-term

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$39,091	2024-2040	\$29,318	2024-2040	\$195,455	\$39,091	\$302,955



 Selected Project



**Project Description**  
Provide Southbound triple left turn.

**Justification**  
Improves intersection operations by increasing intersection capacity.

**Jurisdiction**  
Gwinnett County

**Service Type**  
Minor Roadway

- Project Source**
- ☒ Livable Centers Initiative
  - ☒ GPCID Traffic Studies
  - ☒ Gwinnett County CTP

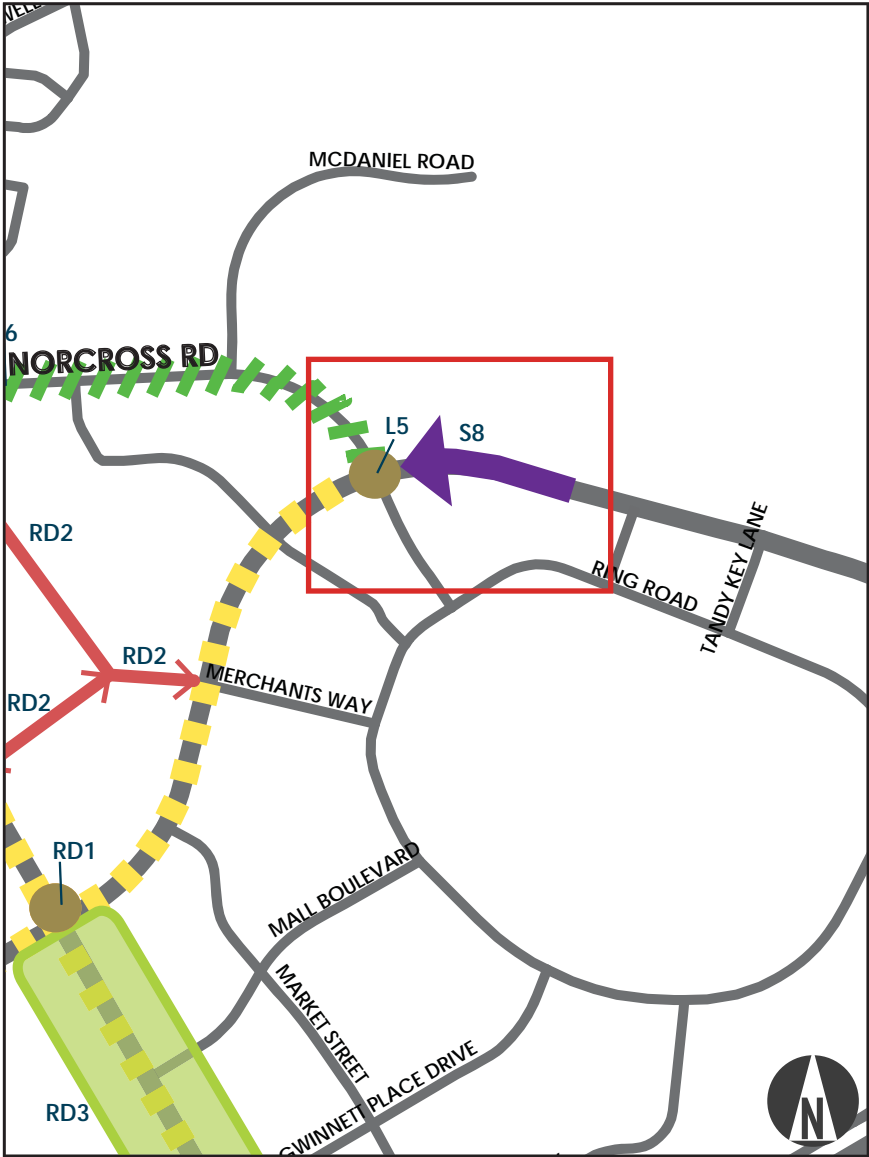
**LCI Project Ref.** n/a

**Implementation** Long-term

- Goals Addressed by Improvement:**
- ☒ Reduce Congestion/Improve Operations
  - ☒ Serves Growth in Travel Demand

**Project Costs**

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$18,182	2024-2040	\$13,636	2024-2040	\$90,909	\$18,182	\$140,909



 Selected Project



# Old Norcross Road - Median Installation

Ref. No.  
L-6

## Project Description

Install a raised, landscaped median along Old Norcross Road from Satellite Blvd to west of Steve Reynolds Blvd (widen median from 12' to 20')

## Justification

Improve traffic operations and safety along the roadway and at intersections. Reduce the number of conflict points along Old Norcross Road.

## Jurisdiction

Gwinnett County

## Service Type

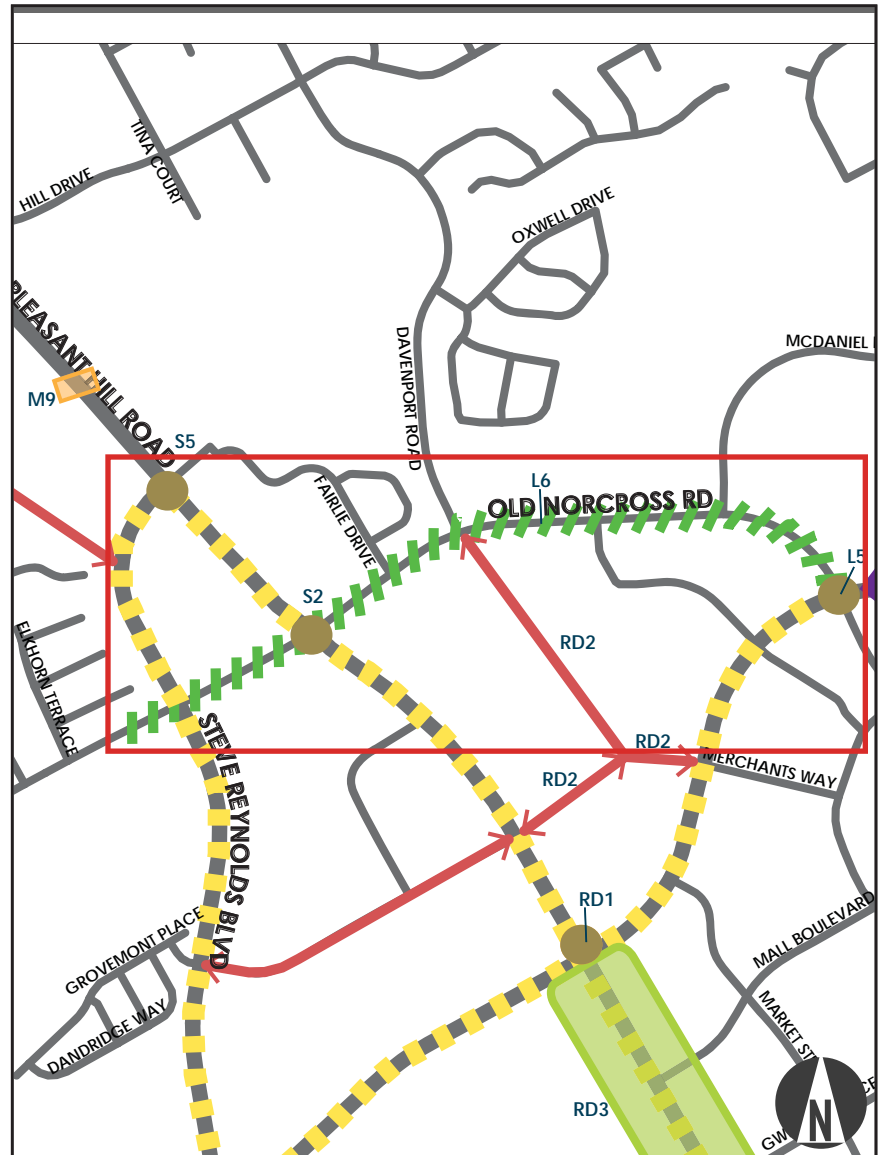
Median

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



  Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Serves Growth in Travel Demand
- ☒ Improve Traffic Safety

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$147,784	2024-2040	\$110,838	2024-2040	\$738,921	\$147,784	\$1,145,328



# North Berkley Lake Road Extension

Ref. No.  
L-7

## Project Description

Extend North Berkley Lake Rd south to Steve Reynolds Boulevard on the west side of the commercial property (3 lanes with 5' sidewalk on one side); prohibit the southbound left-turn movement at the new intersection with Steve Reynolds Blvd.

## Justification

Provides a roadway connection between North Berkley Lake Road and Steve Reynolds Boulevard parallel to Pleasant Hill Road.

## Jurisdiction

Gwinnett County

## Service Type

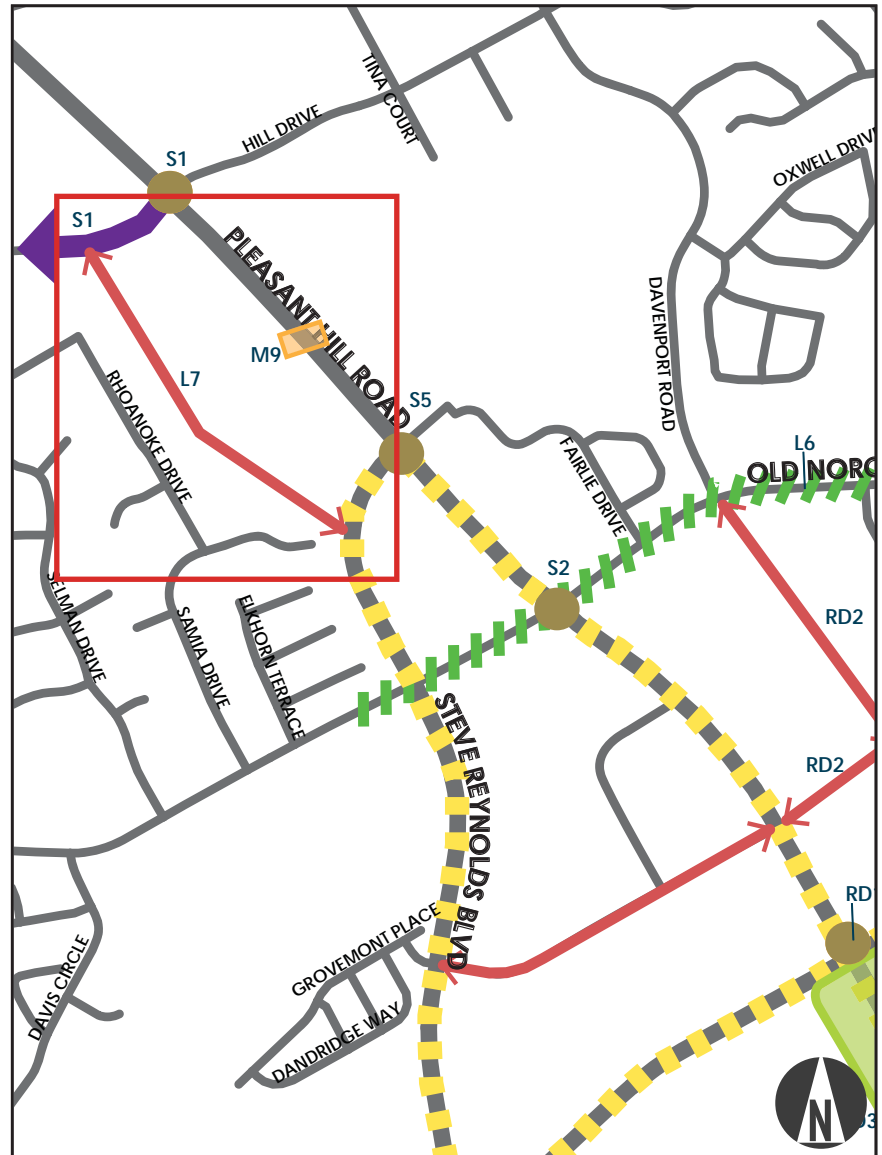
Major Roadway

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Reduce Congestion/Improve Operations
- ☒ Increase System Connectivity
- ☒ Serves Growth in Travel Demand
- ☒ Increase Utilization of Steve Reynolds

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$257,841	2024-2040	\$193,381	2024-2040	\$1,289,206	\$257,841	\$1,998,269



# McDaniel Road Multi-use Path

Ref. No.  
L-8

## Project Description

Install 10' multi-use path along McDaniel Road from Old Norcross Road to McDaniel Farm Park and along McDaniel Road from Duluth Highway (SR 120 to McDaniel Farm Park).

## Justification

Provides pedestrian and bicycle connection between Old Norcross Road and McDaniel Farm Park.

## Jurisdiction

## Gwinnett County

### Service Type

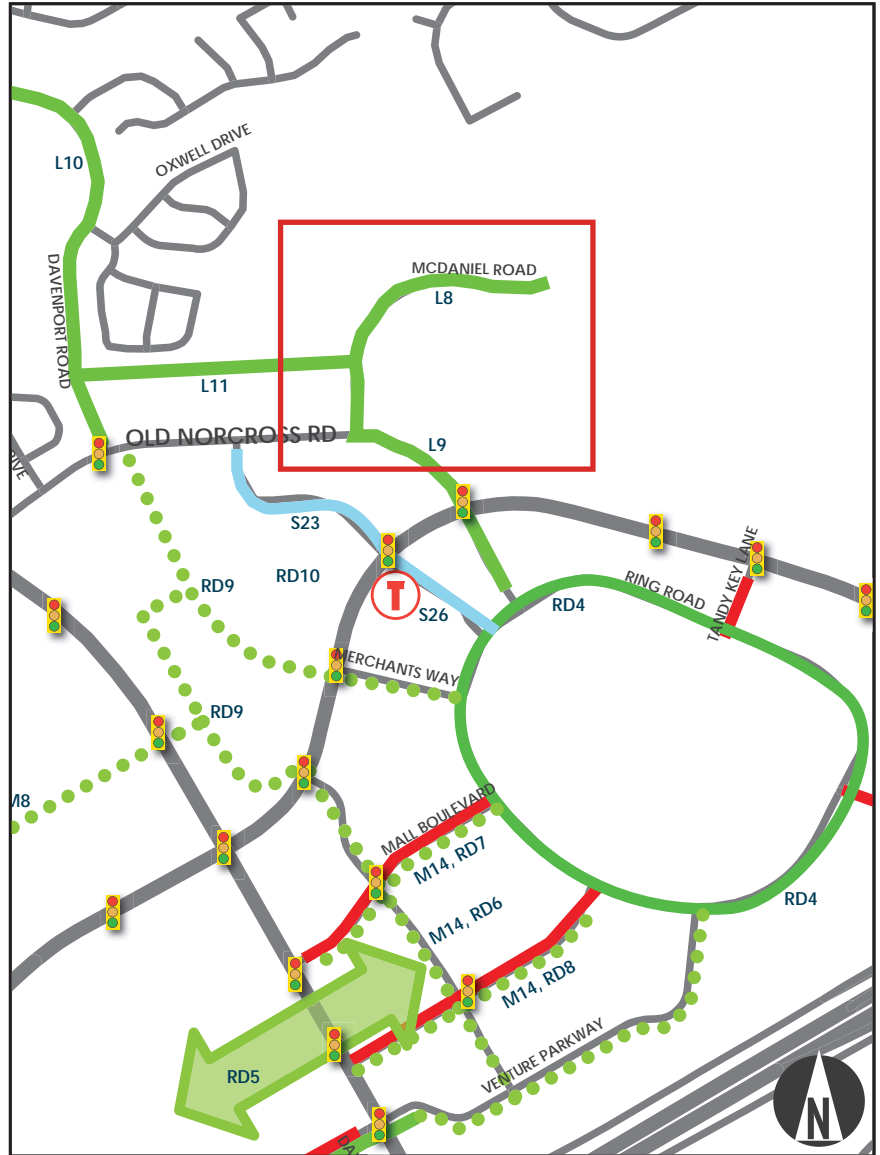
## Multi-Use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-9

<b>Implementation</b>	Long-term
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## Selected Project

### Goals Addressed by Improvement:

- ☒
- Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$155,455	2024-2040	\$116,591	2024-2040	\$777,274	\$155,455	\$1,204,775



## Project Description

Install 10' multi-use path along northwest side of Old Norcross Road from McDaniel Road to Mall Ring Road.

## Justification

Provides pedestrian and bicycle connection between Gwinnett Place Mall and McDaniel Farm Park.

## Jurisdiction

Gwinnett County

## Service Type

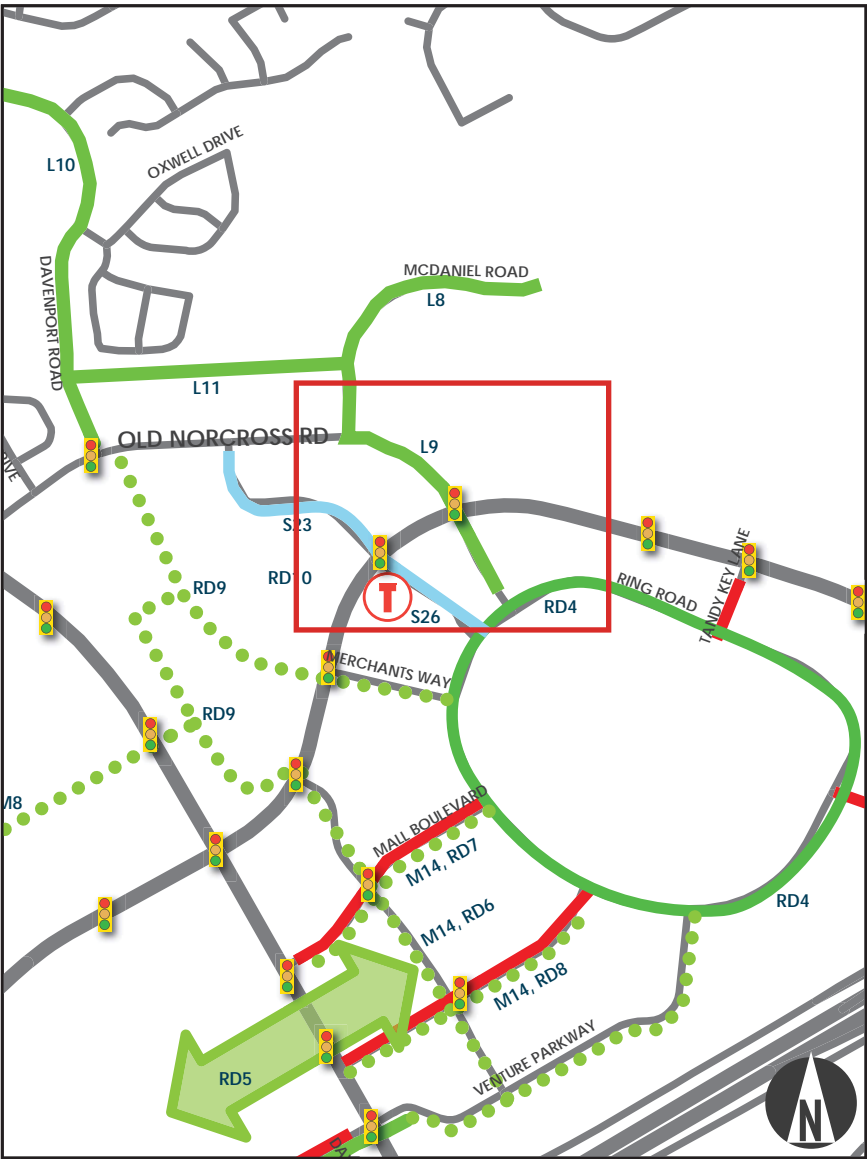
Multi-Use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-14

Implementation Long-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$46,061	2024-2040	\$34,545	2024-2040	\$230,303	\$46,061	\$356,970



# Davenport Road Multi-use Path

Ref. No.  
L-10

## Project Description

Install 10' multi-use Path along Davenport Rd from Old Norcross Rd to Hill Road and along Hill Road to Pleasant Hill Road.

## Justification

Provides pedestrian and bicycle connection between Old Norcross Road and Pleasant Hill Road, connecting a commercial center, residential neighborhoods, and shorty Howell Park.

## Jurisdiction

Gwinnett County

## Service Type

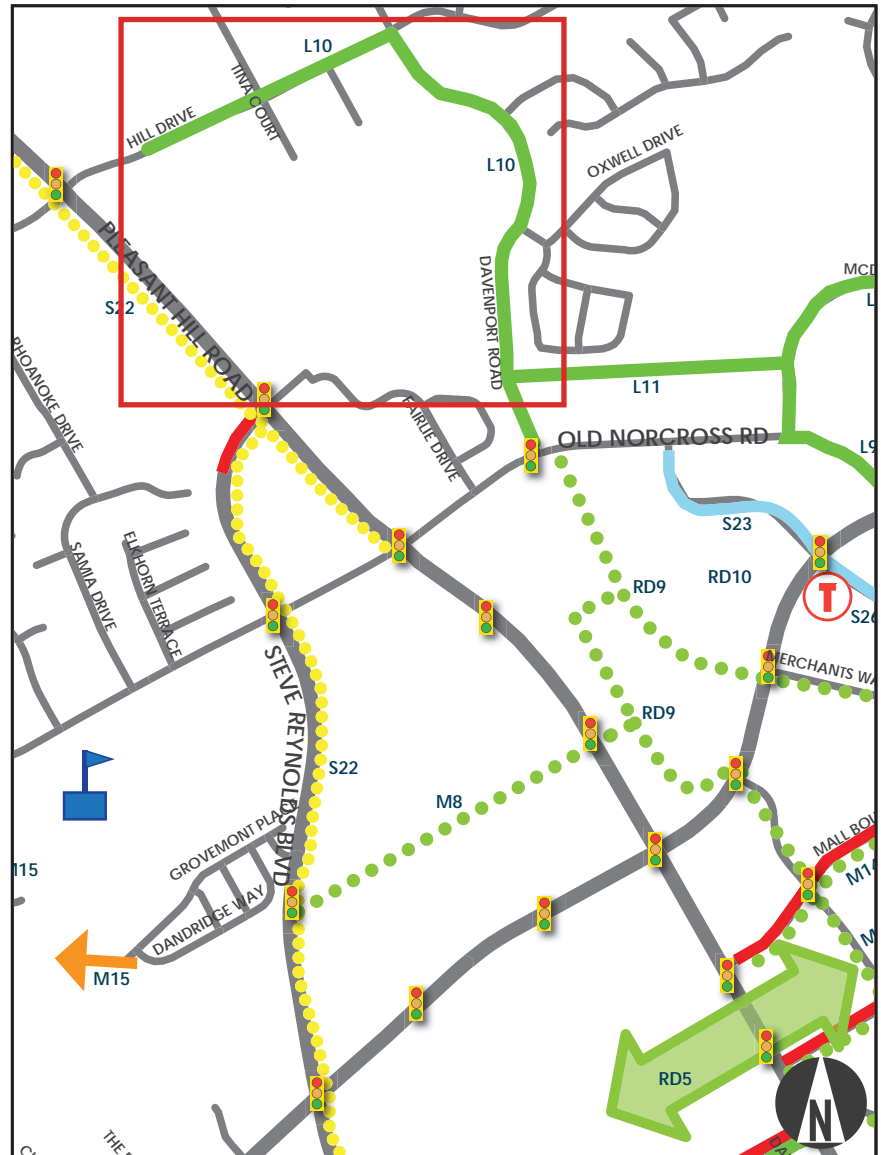
Multi-Use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$155,303	2024-2040	\$116,477	2024-2040	\$776,516	\$155,303	\$1,203,600



### Project Description

Install multi-use Path along Utility Easement from Davenport Rd to McDaniel Rd.

### Justification

Provides pedestrian and bicycle connection between Davenport Road residential neighborhoods and McDaniel Farm Park.

### Jurisdiction

Gwinnett County

### Service Type

Multi-Use Path

### Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

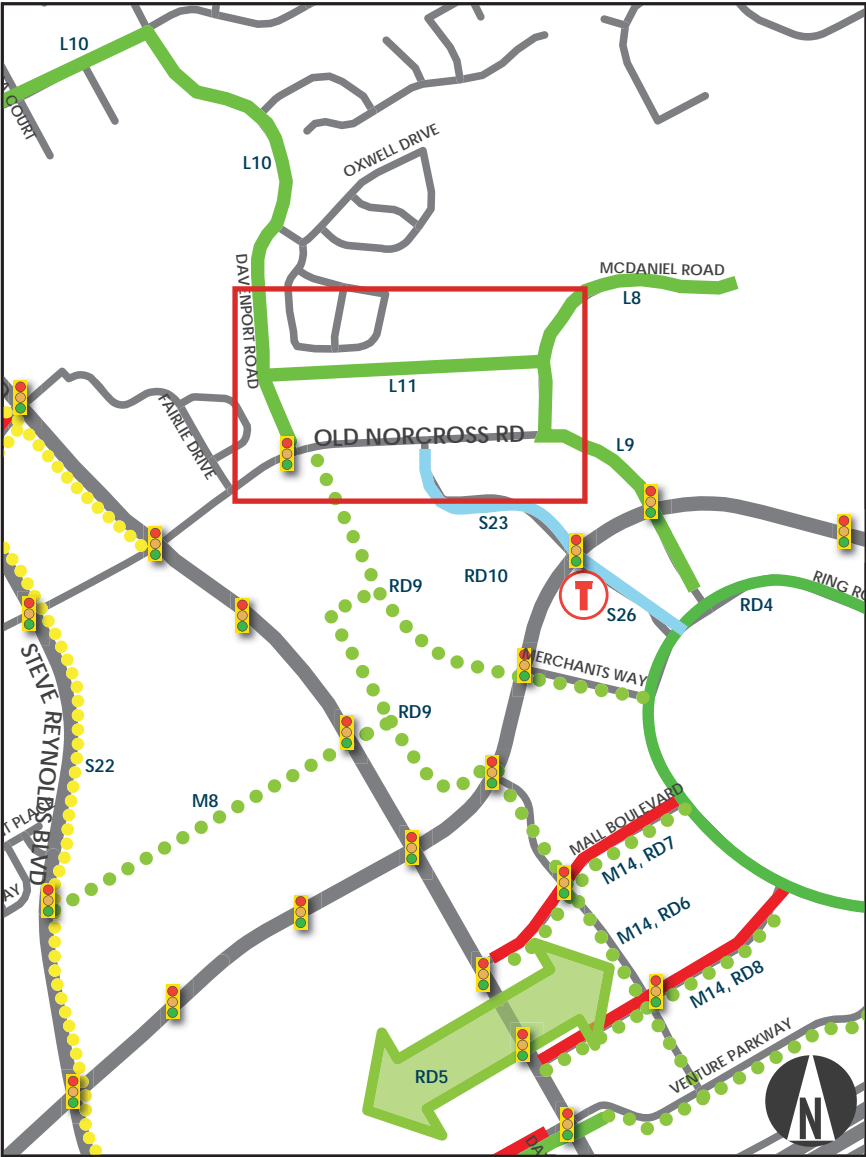
Implementation Long-term

### Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

### Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$50,909	2024-2040	\$38,182	2024-2040	\$254,546	\$50,909	\$394,546



 Selected Project

# Shackleford Rd and Steve Reynolds Blvd Sidewalk Connection to Louise Radloff Middle School

Ref. No.  
L-12

## Project Description

Install 5' Sidewalk along Shackleford Rd from Louise Radloff Middle School to Steve Reynolds Blvd and along Steve Reynolds Boulevard to Venture Drive including crossing of I-85. At the intersection of I-85 SB on-ramp, replace painted island with concrete island and install ADA ramps, pedestrian crossing signal phases, and crosswalk across Steve Reynolds Boulevard. At the intersection with I-85 NB ramp, install "no pedestrian crossing" signs.

## Justification

Provides pedestrian connection between Steve Reynolds Boulevard and Radloff Middle school. Provides pedestrian connection across I-85 along Steve Reynolds Boulevard.

## Jurisdiction

Gwinnett County

## Service Type

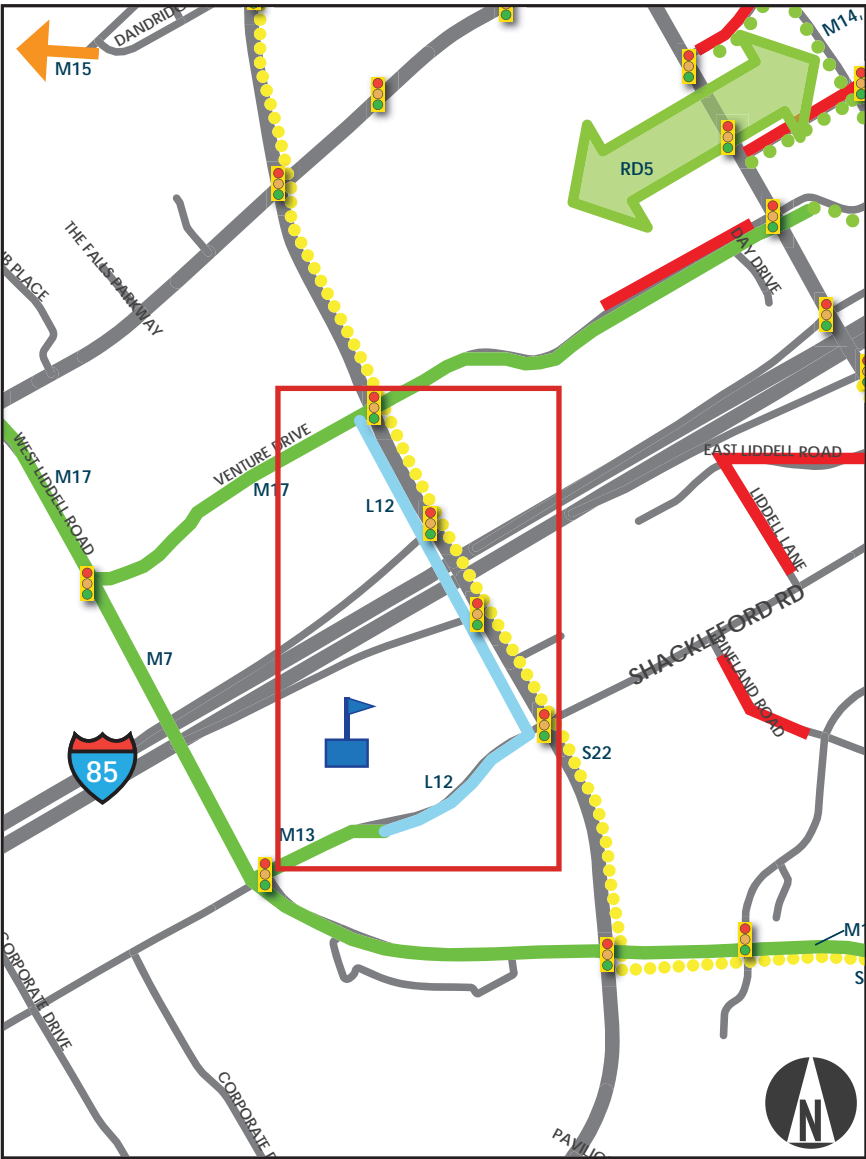
Sidewalk

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. n/a

Implementation Long-term



 Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$53,268	2024-2040	\$39,951	2024-2040	\$266,339	\$53,268	\$412,825



# Ferguson Elementary School/Sweetwater Road Multi-use Path

Ref. No.  
L-13

## Project Description

Ferguson Elementary School/Sweetwater Rd Multi-use Path - Install 10' multi-use path connecting Ferguson Elementary School to Sweetwater Rd along Centerview Drive, Koger Blvd, and behind Pleasant Hill Plaza.

## Justification

Provides pedestrian and bicycle connection between Sweetwater Road residential neighborhoods and Ferguson Elementary School.

## Jurisdiction

Gwinnett County

## Service Type

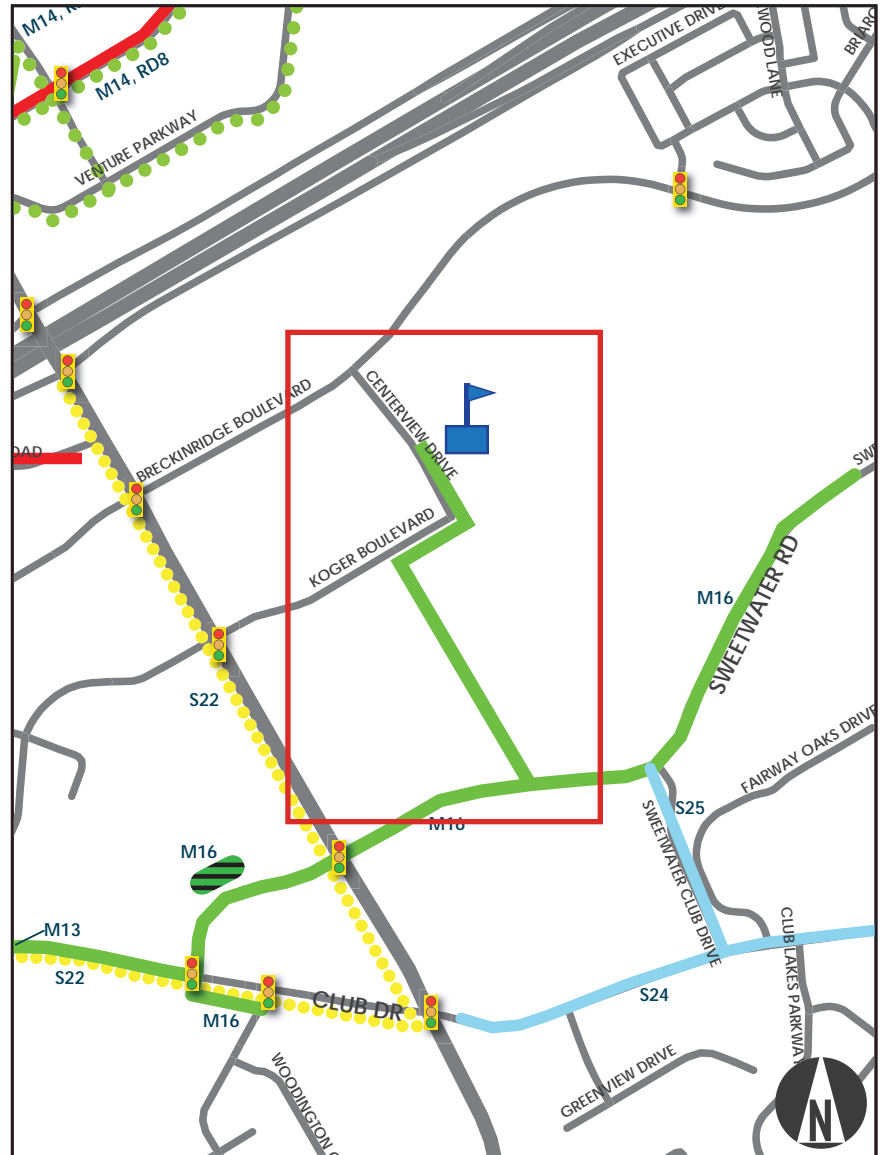
Multi-Use Path

## Project Source

- ☒ Livable Centers Initiative
- ☒ GPCID Traffic Studies
- ☒ Gwinnett County CTP

LCI Project Ref. C-18

Implementation Long-term



Selected Project

## Goals Addressed by Improvement:

- ☒ Sidewalk/Bike Connections to Activity Areas

## Project Costs

Engineering Year	Engineering Costs	ROW Year	ROW Costs	Construction Year	Construction Costs	Contingency Costs	Total Project Costs
2024-2040	\$77,273	2024-2040	\$115,909	2024-2040	\$386,364	\$77,273	\$656,819

