

Lowndes County Thoroughfare Plan Office of the County Engineer Revised January 28, 2003 The original Thoroughfare Plan for unincorporated Lowndes County was first adopted in 1983, with revisions in 1989. In late 2000, we revised our format again and included a bicycle/pedestrian component. The current Thoroughfare Plan was adopted by the Lowndes County Board of Commissioners on January 28, 2003. According to the Lowndes County Comprehensive Plan, the Thoroughfare Plan should be a "network of thoroughfares designed for the safe and efficient movement of people and goods which is linked to and coordinated with rail, air and other transportation." With the construction of several privately developed commercial or industrial subdivisions, we need to include these new roads in our plan. We have also identified a few corrections during this past year, and need to add a new classification for commercial/industrial subdivision roads.

Vehicular Traffic

The Thoroughfare Plan is used as a guide when road improvement projects are developed, and when private developments and land use changes are reviewed. Future conditions are used to estimate traffic volumes and to assign road classifications. The future conditions are based upon average development densities for a 20-year horizon in accordance with the planning period for the Urban Service Area. The Urban Service Area and its related development densities are translated into traffic volumes.

Information from various sources including the *Institute of Transportation Engineers* (ITE), Georgia DOT, American Association of State Highway Transportation Officials, the Transportation Research Board, and publications from other states were used to develop the road classifications, their characteristics and typical sections.

From ITE's <u>Trip Generation</u>, 6th Edition, an average of 10 trips per dwelling unit and 2.7 trips per person has been used to translate development densities and land area into future estimated traffic volumes. Outside the Urban Service Area, one single family dwelling unit is assumed for each 5 acres of land area (some areas will be less densely populated with farms balancing the scattered residential subdivisions with 1-acre lots). Inside the Urban Service Area, a population density equal to Valdosta's is used: about 50,000 people in a 50 square mile (32,000 acre) area. Therefore, inside the Urban Service Area traffic generated by residents is 4.2 trips per day per acre (an average of 4 will be used for convenience); outside, traffic generated by residents is 2.0 trips per day per acre.

Collectors are designated to convey daily traffic volumes in the range of 1,500 to 6,000 vehicles per day (vpd). At the maximum capacity of 6,000 vpd, a collector can serve 3,000 acres in the rural area (outside the Urban Service Area) and 1,500 acres in the urban area (inside the Urban Service Area).

The unincorporated county was divided up into areas of 3,000 acre squares for rural areas, and 1,500 acres for urban areas. Current Arterials were determined, and paved roads were identified. Road classifications were assigned so that one collector ran through or adjacent to each area. These initial classifications were compared to DOT's functional classifications and a few adjustments were made to match DOT's classifications.

A table listing the roads and their proposed classifications, and a table of characteristics for each classification is included in this report. It is acknowledged that the current conditions of many of these roads do not meet the specified characteristics for their classification.

Bicycle Plan Component

In addition to roadway improvements for vehicular traffic, a bicycle component has been added to the Thoroughfare Plan. The purpose of establishing a bicycle plan is to provide a guide for the acquisition of right-of-way and construction of bicycle lanes in conjunction with other road improvement projects. Incremental implementation of this plan will establish a network of bicycle trails throughout Lowndes County for transportation and recreational use.

It is acknowledged that the use of bicycles for day-to-day transportation will likely be limited to urban areas such as the cities (Valdosta, Hahira, Remerton, Dasher and Lake Park). Therefore, recreation will be the primary use of bicycle lanes and paths in unincorporated Lowndes County, at least initially. Because of this the bicycle plan component was developed using phases.

Phase I:

Establish primary "hubs":

- a) Identify denser residential and developed areas in unincorporated Lowndes County. Density of development in unincorporated Lowndes County was determined visually by plotting address points from the GIS database. The following is a list of these areas:
 - Bemiss Corridor from Valdosta to Moody Air force base
 - Exit 5/Lake Park/Twin Lakes area
 - Exit 22/North Valdosta Area
 - State Route 38 (U.S. Highway 84)/Exit 16/Exit 18 area
 - Airport subdivision areas/Copeland Rd/SR 7 (US 41) subdivision areas

- b) Identify destinations within and near the denser developed areas in unincorporated Lowndes County. After identifying the denser developed areas listed above, the following destinations were identified in those areas:
 - Moody Air Force Base
 - Guest Road Park
 - Pine Grove Elementary School
 - Exit 5 Retail Area
 - City of Lake Park
 - South Lowndes Recreation Park
 - Twin Lakes Residential areas
 - Proposed Valwood School
 - Valdosta Technical Institute
 - Residential Areas near Exit 22 (Stone Creek, Sweet Water, Foxborough, River Chase)
 - Langdale Park
 - Dewar Elementary School
 - Lowndes High School
 - Lowndes Middle School
 - Valdosta Mall and surrounding retail development
 - Convention Center
- c) Identify routes in the denser developed areas to serve the majority of the resident and connecting destination points in and near those areas. Following the determination of the developed areas and the destinations, networks were developed at each of the "hub" areas (see attached maps).

Phase II:

Identify routes to connect the "hubs" identified in Phase I to each other and to cities. The "hubs" are connected by additional bicycle routes (see attached map). Lowndes County is fortunate to have two state bicycle routes crossing it: SR 38 (US 84) from east to west, and SR 7 (US 41)/Old US 41 from north to south. These two routes serve to connect almost all of the "hubs" with the cities (Hahira, Valdosta, Dasher, and Lake Park). Remerton lies almost completely within Valdosta's city limits, and any bike routes in those two cities can connect without extending into unincorporated Lowndes County.

Phase III:

Identify routes to connect the "hubs" and Phase II to proposed future recreational destinations. Future recreation projects are intended in the Naylor community and in the area near and in Hahira. The state bicycle routes connect to these communities.

These routes were identified with the purpose of acquiring additional right-of-way (10 feet) for road projects as road improvements are made. Bike facility projects can be undertaken on these routes in a systematic fashion to provide recreation and bicycle facilities for the majority of residents in unincorporated Lowndes County. In addition, Lowndes County can coordinate with Georgia DOT and with our cities to connect this proposed system to sidewalk and bicycle routes in their jurisdictions.

Appendix A

Thoroughfare Plan

Unincorporated Lowndes

County

| Thoroughfare Plan- Unincorporated | Lowndes Coun | ty | | | Revised J | anuary 28, 2003 |
|-----------------------------------|----------------|-----------------------|-------------------------|-----|------------------------------------|----------------------------|
| Road Name | Co. / State | Beginning | End | CR# | DOT 'S', 'F', and 'M' Routes | Proposed Classification |
| | | | | | | |
| Georgia Highway 122 | State | county line west | county line east | | | Major collector |
| Georgia Highway 38 (US 84) | State | county line west | county line east | | | Princ. arterial |
| Georgia Highway 125 | State | Valdosta city limits | county line north | | | Major collector |
| Georgia Highway 135 | State | county line | county line | | | Major collector |
| Georgia Highway 31 | State | county/state line | county line north | | | Minor arterial |
| Georgia Highway 7 (US 41) | State | county/state line | county line north | | | Minor arterial |
| Georgia Highway 94 | State | Valdosta city limits | county line east | | | Major collector |
| Interstate 75 | State | state/county line | county line north | | Interstate | Princ. arterial |
| Inner Perimeter Road | County | SR 31 | SR 7 (US 41) | 867 | M4928 | arterial |
| Old US 41 North | County | SR 7 (US 41) | Hahira city limits | 868 | F1-1 | arterial |
| Cat Creek Road | County | SR 125 | county line north | 777 | S557 | major collector |
| Clyattville Nankin Road | County | county line west | SR 31 | 780 | S951 | major collector |
| Lake Park Bellville Road | County | I-75 | city limits | 274 | S2724 | major collector |
| Morven Road | County | county line west | SR 122 | 782 | S1780 | major collector |
| Old Clyattville Road | County | Clyattville Nankin Rd | mud creek @ city limits | 785 | S2674 | major collector |
| Rocky Ford Road | County | Clyattville Nankin Rd | SR 38 (US 84) | 778 | S567 | major collector |
| Skipper Bridge Road | County | Staten Rd | county line north | 781 | S1214 | major collector |
| Staten Road | County | Valdosta city limits | Skipper Bridge Rd | 781 | S1214 | major collector |
| Forrest Street | County | Valdosta city limits | SR 125 | 138 | | major collector |
| Howell Road | County | Valdosta city limits | county line east | 779 | | major collector |
| Loch Laurel Road | County | county/state line | SR 31 | 783 | | major collector |
| Ousley Road | County | SR 38 (US 84) | Old Clyattville Rd | 46 | | major collector |
| Val Del Road | County | SR 7 (US 41) | county line north | 57 | | major collector |
| Skipper Bridge Road | County | SR 125 | Staten Rd | 78 | | major collector |
| Bradford Road south | County | SR 376 | Hickory Grove Rd s'east | 104 | | minor collector |
| CCC Road | County | Old Naylor Rd | SR 31 | 87 | | minor collector |
| Coffee Road | County | Old Valdosta Rd | county line north | 40 | | minor collector |
| Delmar Road | County | SR 38 (US 84) | Old State Rd | 24 | | minor collector |
| George Road | County | George Road East | Hickory Grove Rd | 105 | | minor collector |
| Glenn Road | County | Hickory Grove Rd | SR 94 | 3 | | minor collector |
| Hickory Grove Road | County | SR 7 (US 41) | county line east | 106 | | minor collector |
| Hickory Grove Road Southeast | County | Bradford Road south | George Road | 2 | | minor collector |

| Thoroughfare Plan- Unincorporated Lo | | Revised J | anuary 28, 2003 | | | |
|--------------------------------------|----------------|---------------------------|---------------------|-------------|------------------------------------|----------------------------|
| Road Name | Co. / State | Beginning | End | CR# | DOT 'S', 'F', and 'M' Routes | Proposed Classification |
| | | | | | | |
| Knights Academy Road | County | Studstill Rd | SR 31 | 18 | | minor collector |
| | | | | 188, | | |
| Mt Zion Church Road | County | SR 125 | Stallings Rd | 189 | | minor collector |
| New Bethel Road | County | Cat Creek Rd | county line east | 41 | | minor collector |
| North Oak Street Extension | County | Valdosta city limits | SR 125 | 188 | | minor collector |
| Old Valdosta Road | County | Webb Rd | county line north | 775 | | minor collector |
| | | | | 117, | | |
| Otter Creek Road | County | Lake Park Road | Old Naylor Road | 118 | | minor collector |
| Shiloh Road | County | I-75 | Morven Road | 775 | | minor collector |
| 0. 1 | | 5 | | | | |
| Studstill Road | County | Bemiss Knights Academy Rd | Knights Academy Rd | 146 | | minor collector |
| Webb Road | County | SR 122 | Old Valdosta Rd | 776 | | minor collector |
| Aslan Road | County | western dead end | Creekhouse Road | 404 | | minor collector |
| Bemiss Knights Academy Road | County | Knights Academy Rd | Old Bemiss Rd | 191, 192 | | minor collector |
| Bethany Drive | County | Old US 41 North | Val Del Rd | 32 | | minor collector |
| Bethany Road | County | Bethany Drive | Val Del Rd | 216 | | minor collector |
| Boone Road | County | SR 38 (US 84) | Lloyd Jackson Rd | 511 | | minor collector |
| Boring Pond Road | County | Howell Rd | SR 94 | 3 | | minor collector |
| Briggston Road | County | Old Clyattville Rd | Johnson Road south | 248 | | minor collector |
| Cameron Lane | County | SR 38 (US 84) | northern dead end | | | minor collector |
| Carter Road | County | Vann Rd | Boring Pond Rd | 111 | | minor collector |
| Clyattstone Road | County | Old US 41 North | Val Del Rd | 29 | | minor collector |
| Coffee Road | County | Morven Road | Old Valdosta Rd | 40 | | minor collector |
| Coleman Road north | County | Crooked Circle | Stewart Circle | 553 | | minor collector |
| Coleman Road NW | County | Hahira city limits | Val Del Rd | 79 | | minor collector |
| Colson Road | County | Mt Zion Church Rd | Knights Academy Rd | 708 | | minor collector |
| Copeland Road | County | SR 31 | SR 7 (US 41) | 318 | | minor collector |
| Corinth Church Road | County | Loch Laurel Rd | SR 7 (US 41) | 380 | | minor collector |
| Creekhouse Road (to be Sk.Br.Rd.) | County | SR 125 | Skipper Bridge Road | | | major collector |
| Crooked Circle | County | dead end | Coleman Rd north | 553 | | minor collector |
| Dasher Johnson Road | County | Inner Perimeter Rd | Howell Rd | 94 | | minor collector |
| Dasher Road | County | Loch Laurel Rd | Dasher city limits | 267 | | minor collector |
| Davidson Road | County | Vienna Church Rd | SR 125 | 204 | | minor collector |

| Thoroughfare Plan- Unincorporated | Lowndes Count | ty | | | Revised J | lanuary 28, 2003 |
|-----------------------------------|----------------|----------------------|------------------------------|------|------------------------------------|----------------------------|
| Road Name | Co. / State | Beginning | End | CR# | DOT 'S', 'F', and 'M' Routes | Proposed Classification |
| | | <u> </u> | • | • | | |
| Deerwood Road | County | SR 94 | Old Statenville Rd | 676 | | minor collector |
| Franklinville Road | County | Val Del Rd | Cat Creek Rd | 45 | | minor collector |
| Franks Creek Road | County | Miller Bridge Rd | Union Rd | 239 | | minor collector |
| George Road East | County | SR 376 | George Road | 273 | | minor collector |
| Good Hope Road | County | SR 135 | county line north | 126 | | minor collector |
| Green Road | County | Howell Road | Old Naylor Road | 1150 | | minor collector |
| Guest Road | County | SR 125 | Bemiss Knights Academy Rd | 139 | | minor collector |
| Hagan Bridge Road | County | SR 122 | Hutchinson Pond Rd | 33 | | minor collector |
| Hambrick Road | County | SR 122 | Cat Creek Rd | 165 | | minor collector |
| Herring Rd | County | Bradford Road south | SR 376 | 103 | | minor collector |
| Hickory Grove Road Southeast | County | Old Lake Park Rd | Bradford Road south | 2 | | minor collector |
| Hunt Road | County | west dead end | Inner Perimeter Road | 1169 | | minor collector |
| Hutchinson Pond Road | County | Hagan Bridge Road | county line north | 35 | | minor collector |
| Indian Ford Road | County | Old Clyattville Rd | north dead end | 52 | | minor collector |
| James Road | County | SR 38 (US 84) | SR 133 | 524 | | minor collector |
| Jaycee Shack Road | County | Valdosta city limits | Mt Zion Church Rd | 80 | | minor collector |
| Jewell Futch Road | County | southern dean end | SR 376 | | | minor collector |
| Johnson Road South | County | SR 376 | Williams School Rd | 417 | | minor collector |
| Johnson Road Southeast | County | Hickory Grove Rd | SR 94 | 95 | | minor collector |
| Johnston Road | County | Dasher city limits | Hickory Grove Rd | 98 | | minor collector |
| Joseph Road | County | SR 38 (US 84) | Wetherington Lane | 1018 | | minor collector |
| Jumping Gulley Road | County | SR 31 | Loch Laurel Rd | 51 | | minor collector |
| Kinderlou Clyattville Road | County | Old Clyattville Rd | Rocky Ford Rd | 47 | | minor collector |
| Knight Road | County | Johnson Rd South | White Water Rd | 397 | | minor collector |
| Knights Academy Road | County | SR 125 | Studstill Rd | 18 | | minor collector |
| Knights Ferry Road | County | Rowland Rd | Rocky Ford Rd | 256 | | minor collector |
| Lake Alapaha Boulevard | County | Lake Alapaha Dr | SR 38 (US 84) | 1121 | | minor collector |
| Lake Park Road | County | Boring Pond Rd | Howell Rd | 5 | | minor collector |
| Lake Park Bellville Road | County | county/state line | I-75 | 274 | | minor collector |
| Lane Rd | County | Old Lake Park Rd | Bradford Road south | 384 | | minor collector |
| Lester Road | County | Copeland Rd | Old US 41 South | 97 | | minor collector |
| Lloyd Jackson Road | County | Boone Rd | St Augustine Road | 511 | | minor collector |

| Thoroughfare Plan- Unincorpora | ted Lowndes Cour | nty | | | Revised J | anuary 28, 2003 |
|--------------------------------|------------------|--------------------------------|--------------------------|---------|------------------------------------|----------------------------|
| Road Name | Co. / State | Beginning | End | CR# | DOT 'S', 'F', and 'M' Routes | Proposed Classification |
| | | | | | | |
| Lower Grand Bay Road | County | Howell Rd | SR 135 | 7 | | minor collector |
| McMillan Road | County | Val Del Rd | Skipper Bridge Rd | 215 | | minor collector |
| Mill Store Road | County | SR 376 | Peterson Rd | 391 | | minor collector |
| Miller Bridge Road | County | Shiloh Road | Morven Road | 40 | | minor collector |
| Monk Road | County | SR 38 (US 84) | Old State Rd | 9 | | minor collector |
| Moore Crossing Road | County | SR 38 (US 84) | SR 31 | 13 | | minor collector |
| Morrison Road | County | Dasher Johnson Rd | SR 38 (US 84) | 442 | | minor collector |
| Mt Zion Road | County | Rocky Ford Rd | Kinderlou Clyattville Rd | 55 | | minor collector |
| Newsome Road | County | SR 7 (US 41) | Hickory Grove Rd | 96 | | minor collector |
| Old Bemiss Road | County | Bemiss Knights Academy Road | Old Pine Road | 192 | | minor collector |
| Old Lake Park Road | County | Sheavette Road | Johnston Road | 1 | | minor collector |
| Old Naylor Road | County | Howell Rd | SR 38 (US 84) | 28 | | minor collector |
| Old Pine Road | County | Skipper Bridge Rd | Old Bemiss Rd | 199 | | minor collector |
| Old Quitman Highway | County | Ousley Road | SR 38 (US 84) | 136 | | minor collector |
| Old State Road | County | SR 31 | Good Hope Road | 16 | | minor collector |
| Old Statenville Road | County | Deerwood Rd | Boring Pond Rd | 19 | | minor collector |
| Old US 41 South | County | Lester Rd | SR 7 (US 41) | 352 | | minor collector |
| Old Valdosta Road | County | Shiloh Road | SR 122 | 775 | | minor collector |
| Orr Road | County | Staten Rd | Skipper Bridge Rd | 77 | | minor collector |
| Orr Road extension | County | Skipper Bridge Rd | SR 125 | | | minor collector |
| Payton Church Road | County | SR 31 | Jumping Gulley Rd | 400 | | minor collector |
| Peterson road | County | Mill Store Rd | Lake Park Bellville Rd | 391 | | minor collector |
| Pikes Pond Road | County | SR 376 | south dead end | 280 | | minor collector |
| Radar Site Road | County | Cat Creek Rd | SR125 | 44, 965 | | minor collector |
| Reed Road | County | Skipper Bridge Rd | River Road | 920 | | minor collector |
| Register Road | County | River Road | Cat Creek Rd | 153 | | minor collector |
| River Road | County | Reed Road | Cat Creek Rd | 205 | | minor collector |
| Rowland Road | County | Knights Ferry Rd | Ousley Rd | 256 | | minor collector |
| Salem Church Road | County | Old Valdosta Rd | county line north | 68 | | minor collector |
| Seckinger Road | County | Kinderlou Clyattville Rd | Old Clyattville Rd | 53 | | minor collector |
| Sheavette Road | County | Lane Road | Old Lake Park Road | 469 | | minor collector |
| Snake Nation Road | County | Shiloh Road | Miller Bridge Rd | 239 | | minor collector |

| Thoroughfare Plan- Unincorporated Lov | vndes Coui | nty | | | Revised J | anuary 28, 2003 |
|---------------------------------------|------------|-------------------------|------------------------------|-------------|------------------------------------|----------------------------|
| Co. / State | | Beginning | End | CR# | DOT 'S', 'F', and 'M' Routes | Proposed Classification |
| Spain Ferry Road | County | west dead end | Ousley Road | 48 | | minor collector |
| Stewart Circle | County | Coleman Road north | Old US 41 | 376 | | minor collector |
| Studstill Road | County | SR 125 | Bemiss Knights Academy Rd | 146 | | minor collector |
| Thompson Road | County | Union Rd | Old US 41 North | 472 | | minor collector |
| Touchton Road | County | Loch Laurel Rd | SR 31 | 241 | | minor collector |
| Twin Lakes Road | County | Loch Laurel Rd | SR 7 (US 41) | 390 | | minor collector |
| Union Road | County | Old US 41 North | county line north | 38, 239 | | minor collector |
| Blanchard Road | County | dead end | SR 38 (US 84) | 994 | | minor collector |
| Upper New Bethel Road | County | New Bethel Rd | SR 125 | 42,156 | | minor collector |
| Val Tech Road | County | SR 133 | Shiloh Rd | 549 | | minor collector |
| Vann Rd | County | Hickory Grove Rd | SR 94 | 112 | | minor collector |
| Vienna Church Road | County | Cat Creek Rd | Radar Site Rd | 154 | | minor collector |
| Wetherington Lane | County | SR 38 (US 84) | north dead end | 137 | | minor collector |
| White Water Road (Cedar & frontage) | County | SR 376 | SR 31 | 415, 961 | | minor collector |
| Williams Road | County | White Water Rd | Loch Laurel Rd | 396 | | minor collector |
| Williams School Road | County | Johnson Rd South | SR 31 | 244 | | minor collector |
| Zeigler Road SE | County | Lake Park Bellville Rd | SR 7 (US 41) | 848 | | minor collector |
| Zipperer Road | County | Dasher city limits | Old Lake Park Rd | 360 | | minor collector |
| a new road - access road east of I-75 | County | Exit 18 area | Exit 22 area | | | collector |
| a new road - access road west of I-75 | County | Indian Ford Road | SR 38 (US 84) | | | collector |
| a new road - access road west of I-75 | County | Old Clyattville Rd | SR 31 or Hart Road | | | collector |
| a new road - access road west of I-75 | County | Pikes Pond Rd or SR 376 | Lake Park Bellville Rd | | | collector |

Roadway Classifications - Thoroughfare Plan - unincorporated Lowndes County

January 28, 2003

| | | | | Minor Collector | | | | | Residential |
|---|-------------------------|----------------------|----------------------|-----------------------------|-------------------------|--|------------------------------------|---|----------------------------------|
| Classification | Arterial | Major Collector | Minor Collector | with 6" straight curb | County Local | Commercial Local w/ 6" straight curb | Residential Local w/ ditches | Residential Local w/ 6" straight curb | Local w/ 4.5" "V" or rolled curb |
| | | | | | | | | | |
| Right-of-way Width | 100' | 80' | 80' | 70' | 60' | 50' | 60' | 50' | 50' |
| Lane Width | 12' | 12' | 12' | 12' | 12' | 12' | 11' | 14' | 11' |
| Number of Lanes | 2 plus | 2 | 2 | 2 or 3 | 2 | 2 | 2 | 2 | 2 |
| Curb and Gutter Width (where applicable) | 30" | 24" | 24" | 24" | 24" | 24" | n/a | 24" | 24" |
| Pavement Asphalt Surface Course | 1.5" | 1.5" | 1.5" | 1.5" | 1.5" | 1.5" | 1.5" | 1.5" | 1.5" |
| Pavement Asphalt Binder Course | 2." | 2" | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Pavement Asphalt Base Course | 3" | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Pavement Base Course (choice of either) | 7" soil cement or | 6" soil cement or | 6" soil cement or | 6" soil cement or | 6" soil cement or | 6" soil cement or | 5" soil cement or | 5" soil cement or | 5" soil cement or |
| | 10" limerock | 8" limerock | 8" limerock | 8" limerock | 8" limerock | 8" limerock | 7.5" limerock | 7.5" limerock | 7.5" limerock |
| Total Shoulder Width | 12' | 10' | 10' | 10' | 6' | 10' | 8' | 10' | 12' |
| Paved Shoulder Width (included in total) | 3' | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Shoulder Slope | 10 : 1 | 10 : 1 | 10:1 | n/a | 8:1 | 20 : 1 | 8:1 | 20 : 1 | 20 : 1 |

| Classification | Arterial | Major Collector | Minor Collector | Minor Collector with 6" straight curb | County Local | Commercial Local w/ 6" straight curb | Residential Local w/ ditches | Residential Local w/ 6" straight curb | Residential Local w/ 4.5" "V" or rolled curb |
|---|----------|--------------------|--------------------|---|-----------------|--|------------------------------------|---|---|
| | | T | | | 1 | | | T | |
| Ditch | | | | | | | | | |
| Frontslope | ,_, | 4.01 | 4.01 | , | | , | 01 | , | , |
| Width | 17' | 10' | 10' | n/a | 6' | n/a | 6' | n/a | n/a |
| Ditch | | | | | | | | | |
| Frontslope | | | | , | | , | | , | , |
| Slope | 6:1 | 4:1 | 4 : 1 | n/a | 3:1 | n/a | 2:1 | n/a | n/a |
| Ditch Bottom | 4. | | 4. | , | | , | 0.1 | , | , |
| Width | 1' | 1' | 1' | n/a | 0' | n/a | 0' | n/a | n/a |
| D: E : | flared | | | | flared | | vertical | | |
| Pipe End | end | flared end | flared end | , | end | , | headwalls | , | , |
| Treatments | sections | sections | sections | n/a | sections | n/a | OK | n/a | n/a |
| Ditch | | | | | | | | | |
| Backslope | 6.1 | | | , | 0.1 | , | | , | , |
| Width | 8' | 7' | 7' | n/a | 6' | n/a | 5' | n/a | n/a |
| Ditch | | | | | | | | | |
| Backslope | | | | | | | | | |
| Maximum | 0.4 | 0.4 | 0 4 | 0 4 | 0.4 | - 1- | 0 4 | - 1- | - 1- |
| Slope | 2:1 | 2:1 | 2:1 | 2:1 | 2:1 | n/a | 2:1 | n/a | n/a |
| Clear Zone | 30' | 21' | 21' | 2' | 12' | 2' | 8' | 2' | 2' |
| Cross Drainage Design Storm Return | | | | | | | | | |
| Frequency | 100 year | 100 year | 100 year | 100 year | 100 year | 100 year | 50 year | 50 year | 50 year |
| Longitudinal Drainage Design Storm Return | | | | | | | | | |
| Frequency | 50 year | 50 year | 50 year | 50 year | 50 year | 50 year | 25 year | 25 year | 25 year |
| rrequericy | Jo year | JU year | JU yeai | JU yeai | JU year | JU year | 20 year | 20 year | 20 year |
| Design Speed | 60 mph | 55 mph | 55 mph | 45 mph | 45 mph | 25 mph | 25 mph | 25 mph | 25 mph |
| Vertical Curve | Per | Per | Per | Per | Per | | | | |
| Design | AASHTO | AASHTO | AASHTO | AASHTO | AASHTO | Per AASHTO | Per AASHTO | Per AASHTO | Per AASHTO |
| Horizontal | Per | Per | Per | Per | Per | | | | |
| Curve Design | AASHTO | AASHTO | AASHTO | AASHTO | AASHTO | Per AASHTO | Per AASHTO | Per AASHTO | Per AASHTO |

Roadway Classifications - Thoroughfare Plan - unincorporated Lowndes County **January 28, 2003** Minor Residential Collector with 6" Residential Local w/ 4.5" Commercial Residential "V" or rolled Major Local w/6" Minor straight County Local w/ Local w/6" Classification Collector Collector straight curb ditches straight curb Arterial curb Local curb Per Per Per Superelevation Per Per AASHTO **AASHTO** AASHTO **AASHTO AASHTO** Design Per AASHTO Per AASHTO Per AASHTO Per AASHTO 3000 to 1500 to 1500 to 750 to Traffic Flow 6000 3000 3000 > 6000 1500 < 1500 AADT < 750 AADT Capacity **AADT AADT** AADT **AADT AADT** < 750 AADT < 750 AADT

Notes

^{*}Regarding Bicycle Routes: 10' additional R/W width required to accommodate wider paved shoulder/bike lane or separate bike path.

^{*}Regarding Sidewalks: Minimum 2' separation required between edge of pavement and edge of sidewalk on non-curbed roadways.

^{*}Note: Alternative typical sections and paving sections will be evaluated and approved on a "case-by-case" basis for existing County maintained roads.

Appendix B

Bicycle Plan

Unincorporated Lowndes

County

| Book Nove (Book) and a series | Notes | A / D ii ii II . I | 0. /0 | B 1 1 | |
|--|---|--|-------------|---------------------------|------------------------------------|
| Road Name / Route Location | <u>Notes</u> | Area / Destination Hub | Co. / State | <u>Beginning</u> | <u>End</u> |
| | Statewide Bicycle and Pedestrian Plan (through Dasher and | | | | |
| Georgia Highway 7 (US 41) | Valdosta) | connector | State | county line south | Old US 41 |
| Georgia Highway 7 (US 41) | Statewide Bicycle and Pedestrian Plan (runs through Hahira) Statewide Bicycle and | connector | State | south Hahira city limits | county line north |
| Georgia Highway 38 (US 84) | Pedestrian Plan (runs through Valdosta) | connector | State | county line | county line |
| Val Tech Road (& frontage rd) | | connector | County | Valdosta Tech | SR 133 |
| Coleman Road north, frontage road, Crooked Circle | | connector | County | North Valdosta Road | south dead end |
| connector | | connector | - | Crooked Circle | County r/w @ YMCA (Gornto Road) |
| recreation connector | | connector | - | Langdale Park | County r/w @ YMCA (Gornto Road) |
| Knights Academy Road | | connector | County | Morgan's Way | Bemiss Knights Academy Road |
| Bemiss Knights Academy Road | | connector | County | Knights Academy Road | Guest Road |
| Pikes Pond Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Kileen Circle | Haunted House Road |
| Loch Laurel Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Cypress Lakes Subdivision | Lakes Boulevard |
| Old Valdosta Bellville Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Loch Laurel Road | Pikes Pond Road |
| Frontage Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Bevel Creek Subdivision | Loch Laurel Road |
| Loch Laurel Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Frontage Road | Water Oak Trail |
| Water Oak Trail | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Loch Laurel Road | Pinebrook Drive |
| Pinebrook Drive | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Water Oak Trail | Lakes Boulevard |
| Haunted House Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Pikes Pond Road | Lakes Boulevard |

| Road Name / Route Location | <u>Notes</u> | Area / Destination Hub | Co. / State | <u>Beginning</u> | <u>End</u> |
|-----------------------------------|----------------------------------|--|------------------|-------------------------|-------------------------------|
| Lakes Boulevard (SR 376) | some existing sidewalks in place | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | State | Loch Laurel Road | SR 7 (US 41) |
| Jewell Futch Road | · | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | shopping center | Lakes Boulevard |
| Mill Store Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | State | Georgia Welcome Center | Lakes Boulevard |
| Springwater Drive | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Lakes Boulevard | Hammock Trail |
| Hammock Trail | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Springwater Drive | Woodsdale Drive |
| Woodsdale Drive | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Hammock Trail | Carriage Drive |
| Carriage Drive | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Woodsdale Drive | northeast corner |
| connector H L Dr. to Carriage Dr. | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | - | Carriage Drive | Hammock Lake Drive |
| Hammock Lake Drive | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | connector | Twin Lakes Road |
| Twin Lakes Road | alternate | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Hammock Lake Drive | SR 7 (US 41) |
| Danieli Drive North | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | SR 7 (US 41) | 4-H Club Road |
| 4-H Club Road | | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | County | Danieli Drive North | SR 7 (US 41) |
| Cotton Avenue | through Lake Park | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | Lake Park | SR 7 (US 41) | South Main Street |
| South Main Street | through Lake Park | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | Lake Park | SR 7 (US 41) | Ocean Pond Avenue |
| Ocean Pond Avenue | through Lake Park | Exit 2 / Lake Park / Twin Lakes / Sou. Lowndes Rec. | Lake Park | South Main Street | South Lowndes Rec. Park |
| Alexandria Street | | Lowndes Middle School | County | Spivey Road | Douglas Avenue |
| Douglas Avenue Copeland Road | | Lowndes Middle School Lowndes Middle School | County County | Douglas Avenue SR 31 | Copeland Road SR 7 (US 41) |
| Hutchison St (of Poole St.) | | Lowndes Middle School | County | Horace Avenue | Copeland Road |

| Dicycle Flair Officorporated Lowne | ics County | | | | 1 103011100 0 1/23/2000 |
|------------------------------------|------------------------------|--------------------------|-------------|--|---|
| Road Name / Route Location | <u>Notes</u> | Area / Destination Hub | Co. / State | Beginning | <u>End</u> |
| Lester Road | | Lowndes Middle School | County | Sermans Road | Copeland Road |
| Sermans Road | | Lowndes Middle School | County | Lester Road | SR 7 (US 41) |
| Smith Street | | Exit 4 / Exit 5 | County | west dead end | James Road |
| James Road | | Exit 4 / Exit 5 | County | SR 38 (US 84) | SR 133 |
| SR 133 (St Augustine Rd) | through Valdosta | Exit 4 / Exit 5 | State | James Road | Norman Drive |
| SR 133 | connector | Exit 4 / Exit 5 | State | Val Tech Road | James Road |
| Norman Drive | through Valdosta | Exit 4 / Exit 5 | Valdosta | SR 133 | SR 38 (US 84) |
| Val Tech Road (& frontage rd) | trii ougii valaosta | Exit 6 | County | Valdosta Tech | Shiloh Road |
| Shiloh Road | | Exit 6 | County | Golden Oaks Drive | I-75 Exit 6 |
| North Valdosta Road (SR 7) | | Exit 6 | State | I-75 Exit 6 | Old US 41 |
| Coleman Road north | | Exit 6 | County | North Valdosta Road | Stewart Circle |
| Stewart Circle | | Exit 6 | | Coleman Road north | Old US 41 |
| Stewart Circle | h. Cashanarah | EXILO | County | Coleman Road north | Old 05 41 |
| Old US 41 | by Foxborough Subdivision | Exit 6 | County | SR 7 (US 41) | SR 7 (US 41) |
| Val Del Road | Casarreien | Exit 6 | County | SR 7 (US 41) | River Chase Drive |
| Var Ber Road | from Foxborough to | Exit | County | OK 7 (00 41) | Tavel Glase Blive |
| recreation connector | Langdale Park | Exit 6 | _ | Foxborough Blvd | Langdale Park |
| Oak Street Extension | <u> </u> | Dewar Elementary School | County | Boys Club Road | Bemiss Road (SR 125) |
| Mt Zion Church Road | | Dewar Elementary School | County | Bemiss Road (SR 125) | Forrest Street |
| Forrest Street | | Dewar Elementary School | County | Mt Zion Church Road | Engberg Avenue |
| Mt Zion Church Road | | Dewar Elementary School | County | Forrest Street | Colson Road |
| Colson Road | | Dewar Elementary School | County | Mt Zion Church Road | Knights Academy Road |
| Engberg Avenue | | Dewar Elementary School | County | Forrest Street | Danube Circle |
| Eligoeig Aveilue | | Moody AFB / Guest Park / | County | ronesi Sireet | I . |
| Guest Road | | Pine Grove ES | County | Mulligan Road | Bemiss Knights Academy Road |
| | | Moody AFB / Guest Park / | | 3 - 3 | |
| Studstill Road | | Pine Grove ES | County | Skipper Bridge Road | Mulligan Road |
| | | Moody AFB / Guest Park / | 1 | | Jan San San San San San San San San San S |
| Mulligan Road | | Pine Grove ES | County | Studstill Road | Old Pine Road |
| gar.saa | | Moody AFB / Guest Park / | | Juan I I I I I I I I I I I I I I I I I I I | 0.0.1 |
| electric power line | | Pine Grove ES | County | Bemiss Road (SR 125) | Guest Road |
| | | Moody AFB / Guest Park / | 1 | | |
| Ashurst Drive | | Pine Grove ES | County | Bemiss Road (SR 125) | Becky Street |
| | | Moody AFB / Guest Park / | 1 | | |
| Mulligan Road (extended by DOT) | | Pine Grove ES | County | Studstill Road | Guest Road |
| 3 (3 | | Moody AFB / Guest Park / | | | |
| Becky Street | | Pine Grove ES | County | Ashurst Drive | Hidden Hills Drive |
| | | Moody AFB / Guest Park / | | | |
| Hidden Hills Drive | | Pine Grove ES | County | Becky Street | Robin Lane |
| | | Moody AFB / Guest Park / | | • | |
| Robin Lane | | Pine Grove ES | County | Studstill Road | Guest Road |

| Road Name / Route Location | <u>Notes</u> | Area / Destination Hub | Co. / State | <u>Beginning</u> | End |
|-----------------------------------|--------------|---|-------------|---------------------------|--------------------------|
| | | | | | |
| Studstill Road | | Moody AFB / Guest Park / Pine Grove ES | County | Robin Lane | Spring Creek Subdivision |
| Bemiss Knights Academy Road | | Moody AFB / Guest Park / Pine Grove ES | County | Studstill Road | Guest Road |
| Old Bemiss Road | | Moody AFB / Guest Park / Pine Grove ES | County | Bemiss Knights Academy Rd | Bemiss Road (SR 125) |
| Bemiss Road (SR 125) | | Moody AFB / Guest Park / Pine Grove ES | State | Old Bemiss Road | Lori Street |
| Lori Street | | Moody AFB / Guest Park / Pine Grove ES | County | Bemiss Road (SR 125) | Cindy Street |
| Old Pine Road | | Moody AFB / Guest Park / Pine Grove ES | County | Mulligan Road | Old Bemiss Road |
| Hamby Road???? | | Moody AFB / Guest Park / Pine Grove ES | County | Cross Creek Subdivision | Cat Creek Road |
| Cat Creek Road | | Moody AFB / Guest Park / Pine Grove ES | County | Hamby Road ??? | Vienna Church Road |
| Pine Grove Road (DOT realignment) | | Moody AFB / Guest Park / Pine Grove ES | County | Cat Creek Road | Bemiss Road (SR 125) |
| Vienna Church Road | | Moody AFB / Guest Park / Pine Grove ES | County | Cat Creek Road | Radar Site Road |
| Radar Site Road | | Moody AFB / Guest Park / Pine Grove ES | County | Old Radar Site Road | Bemiss Road (SR 125) |
| Old Radar Site Road | | Moody AFB / Guest Park / Pine Grove ES | County | Cat Creek Road | Radar Site Road |
| Davidson Road | | Moody AFB / Guest Park / Pine Grove ES | County | Vienna Church Road | Roberts Road |
| Bemiss Road (SR 125) | | Moody AFB / Guest Park / Pine Grove ES | State | Radar Site Road | Hightower Road |
| Hightower Road | | Moody AFB / Guest Park / Pine Grove ES | County | Barretts Road | Bemiss Road (SR 125) |
| Barretts Road | | Moody AFB / Guest Park / Pine Grove ES | County | Hightower Road | Upper New Bethel Road |
| Upper New Bethel Road | | Moody AFB / Guest Park / Pine Grove ES | County | Peters Road | Barretts Road |

Appendix C

Maps

Unincorporated Lowndes

County





