

TRAFFIC CONTROL DEVICE SURVEY AND INVENTORY FOR THE
SUNSET LAKES SUBDIVISION
MERRITT ISLAND, FL

Prepared by Devin Swanson, Brevard County Traffic Engineering
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A survey of all of the traffic control devices including pavement markings was recently conducted by Devin Swanson Engineer II, and Cynthia Morris, Traffic Engineering Specialist, for all of the streets in the Sunset Lakes Subdivision, a private subdivision. Existing traffic control devices as well as those recommended to be installed are described in detail below.

Sunset Lakes Dr. – From east entrance on N. Courtenay Pkwy. (S.R. 3) to west entrance (Tropical Trail)

1. *Recommend changing flex stakes from yellow to white. And install a white triangular gore area with diagonal striping before the raised concrete island west of the gate (see attached FDOT Index 17346, Sheet 4 of 13).*
2. An existing “15 MPH Speed Limit” sign is located approximately 100 feet west of the gate. Needs to be replaced by a “25 MPH Speed Limit” sign.
3. An existing “15 MPH Speed Limit” sign between 520/530 Sunset Lakes Drive. **Needs to be replaced with a “25 MPH Speed Limit” sign.**
4. There is an existing “Stop” sign and “Stop Bar” at the northeast corner of Sunbeam Court and Sunset Lakes Drive. The “Stop” sign is faded and needs to be replaced and the “Stop Bar” needs to be re-striped. **A “4 Way” supplemental plate (R1-3) is to be mounted below the stop sign.**
5. *Recommend a “25 MPH Speed Limit” sign in front of 720 Sunset Lakes Drive, 10 feet west of the driveway.”15 MPH Speed Limit” sign must be changed back to “25 MPH Speed Limit” sign.*
6. **A crosswalk was installed on Sunset Lakes Drive, 100 ft. west of Subeam Court. “State Law – Stop for Pedestrians Within Crosswalk” (R1-6a) signs are to be installed on both sides of the mid-block crosswalk between 680 and 651 Sunset Lakes Drive. “Pedestrian” signs (W11-2) with “300 feet” Supplemental Warning Plaque (W16-2) are to be installed on both sides of the crosswalk.**

Sunset Lakes Dr. – From west entrance on South Tropical Trail to east entrance N. Courtenay Pkwy (SR 3)

1. *Recommend a “25 MPH Speed Limit” sign for eastbound motorists 95 feet east of the center of Killarney Court and Sunset Lakes Drive intersection where the 10th palm tree (short, stubby palm) is located east of the gate post. **The “15 MPH Speed Limit” sign needs to change back to “25 MPH Speed Limit” sign.***

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2. There is an existing "Stop" sign at the southwest corner of Starlight Avenue and Sunset Lakes Drive.
3. *Recommend a "Keep Right" (R-47) sign with a yellow diamond "Object Marker" (OM1-1) at the west end of the landscaped island before the gate.*
4. *Recommend a yellow striped gore area west of the landscaped island to direct eastbound traffic to the right (south) of the island.*

Sunward Dr. North – Northbound from Sunset Lakes Drive to Cul-de-sac

1. *Recommend a "25 MPH Speed Limit" sign between 3805 and 3807 Sunward Drive. "15 MPH Speed Limit" sign needs to change back to "25 MPH Speed Limit" sign.*

Sunward Dr. South – Southbound from Sunset Lakes Drive to Cul-de-sac

1. There is an existing "15 MPH Speed Limit" sign south of Sierra Drive. Located on the west side of Sunward Drive between the rear lot lines of 511 Sunset Lakes Drive and 3798 Sierra Drive. *The "15 MPH Speed Limit" sign needs to change back to "25 MPH Speed Limit" sign.*
2. There is an existing "Slow - Children at Play" sign between 3764 Sunward Drive and 3766 Sunward Drive.

Sunward Dr. South - Northbound from Cul-de-sac to Sunset Lakes Drive

1. *A "15 MPH Speed Limit" sign just south of the curb inlet between 3745 and 3747 Sunward Drive for northbound traffic needs to be changed to a "25 MPH Speed Limit" sign.*
2. There is an existing "Slow - Children at Play" sign between 3749 and 3751 Sunward Drive for northbound motorists.
3. There is an existing 15 mph Speed Limit sign between 3765 and 3767 Sunward Drive for northbound motorists. *The "15 MPH Speed Limit" sign needs to change back to "25 MPH Speed Limit" sign.*
4. *A "Dead End sign needs to be placed between the name blades and stop sign.*

Cactus Place – Between Sierra Drive and Sunward Drive

1. A stop sign, street name blade, and stop bar exists at this location.

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Sierra Drive – Southbound from Sunward Drive past Starlight Avenue to Dead End

1. A “15 MPH Speed Limit” sign 20 feet north of the driveway at 3786 Sierra Drive. Needs to be changed to a “25 MPH Speed Limit” sign.

Sierra Drive – Northbound from Starlight Avenue

1. Recommend relocating existing “15 MPH Speed Limit” sign in front of 3757 and 3759 Sierra Drive to 10 feet south of the driveway for 375. Needs to be changed to a “25 MPH Speed Limit” sign.
2. There is a “Slow - Children at Play” sign at the northeast corner of Sierra Drive and Cactus Place.
3. There is an existing “Stop” sign at the southwest corner of Sierra Drive and Sunward Drive.

Starlight Ave. – South from Sunset Lakes Drive to Sierra Drive

1. A “15 MPH Speed Limit” sign is installed between 3780 and 3760 Starlight Avenue. Needs to be changed to a “20 MPH Speed Limit” sign.
2. There is an existing “Slow - Children” sign 3760 and 3740 Starlight Avenue.

Starlight Ave. – North from Sierra Drive to Sunset Lakes Drive

1. A “15 MPH Speed Limit” sign installed on the south side of the curb inlet between 3595 and 3605 Starlight Avenue for northbound motorists. Needs to be changed to a “20 MPH Speed Limit” sign.
2. There is an existing “Slow-Children” sign between 3625 and 3635 Starlight Avenue.
3. There is an existing “Stop Sign/Street Name Blade” combination sign at the southeast corner of Starlight Avenue and Sunset Lakes Drive.

Sunbeam Ct. – North of Sunset Lakes Drive to Cul-de-sac

1. A “15 MPH Speed Limit” sign exists between 3807 and 3809 Sunbeam Court for northbound motorists.
2. There is an existing “Stop Sign/Street Name Blade” combination at the northwest corner of Sunbeam Court and Sunset Lakes Drive. A “No Outlet” (W14-2a) shall be mounted on top of the “Stop between the Sign/Street Name Blade” combination.

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Sunflower Ct. – East from Sunbeam Court, then north to Cul-de-sac

1. A “15 MPH Speed Limit” sign is missing between 3829 and 3831 for northbound motorists. **Please install a new sign.**
2. There is an existing “Stop Sign/Street Name Blade” combination at the northeast corner of Sunflower Court and Sunbeam Court, a “Dead End” (W14-2a) mounted on top, **all three need to be replaced.**

Sunflower Circle – South of Sunset Lakes Drive to the Cul-de-sac in the Park

1. A “15 mph Speed Limit” sign exists at the end of the sidewalk on the east side of 621 Sunset Lakes Drive (corner lot).
2. There is an existing “Stop” sign located at the southeast corner of Sunflower Circle and Sunset Lakes Drive, with a “Dead End” (W14-2a) sign. **The “Dead End” sign should be installed on top the stop sign, under the name blades.**

Killarney Ct. – North of Sunset Lakes Drive to the Cul-de-sac

1. A “15 mph Speed Limit” sign to be installed between 883 and 873 Killarney Court for northbound motorists.
2. There is an existing “Stop Sign/Street Name Blade” combination sign at the northwest corner of Killarney Court and Sunset Lakes Drive, with a “Dead End” (W14-2a) **The “Dead End” sign should be installed on top the stop sign, under the name blades.**

Waterford Court – Between Sunset Lakes Drive and Limerick Drive

1. There is an existing “Stop Sign/Street Name Blade” combination at the northwest corner for southbound motorists.
2. There is an existing “Stop Sign/Street Name Blade” combination at the southeast corner of Waterford Court and Sunset Lakes Drive.

Limerick Dr. – Traveling Westbound from Waterford Court to return to the east side of Waterford Ct.

1. **A “15 mph Speed Limit” sign exists on the north side of road across from the lot line between 775 and 785 Limerick Drive for westbound motorists. Needs to be changed to “20 MPH Speed Limit” sign.**

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2. The "20 mph Speed Limit" sign should be facing south for northbound motorists at the south lot line for 606 Limerick Drive. **Please Change**
3. "State Law – Stop for Pedestrians Within Crosswalk" (R1-6a) signs are to be installed on both sides of the mid-block crosswalk between 575 and 595 Limerick Drive, the northbound sign is faded and needs replacement; the southbound sign is missing "Pedestrian" signs (W11-2) with "300 feet" Supplemental Warning Plaque (W16-2) are to be installed on both sides of the crosswalk.
4. A "15 mph Speed Limit" sign exists for southbound motorists between 725 and 685 Limerick Drive just north of the curb inlet. **Needs to be changed to "20 MPH Speed Limit" sign.**

Limerick Dr. – Traveling Eastbound from Waterford Court and returning to the west side of Waterford Court.

1. A "15 MPH Speed Limit" sign exists between 3622 and 3612 Limerick Drive for southbound motorists. **Needs to be changed to "20 MPH Speed Limit" sign.**
2. There is a "Stop Sign/Street Name Blade" combination sign at the northeast corner of Limerick Drive and Tipperary Drive **that are faded and need to be replaced.**

Bantry Ct. – East of Limerick Drive to Cul-de-sac

1. There is an existing "Stop Sign/Street Name Blade" combination sign at the northeast corner at Bantry Court and Limerick Drive **with a "Dead End" (W14-1a) sign to be mounted on top of the combination sign. The "Dead End" sign should be installed on top the stop sign, under the name blades.**

Tipperary Dr. – From the Southwest Intersection of Limerick Drive to the Southeast Curve on Limerick Drive with Tipperary Drive

1. A 20 mph Speed Limit" sign for southbound motorists exists between 946 Limerick Drive and 3311 Tipperary Drive under the street light.
2. The 6 inch wide yellow center line from the lot line of 3381/3391 Tipperary Drive to the lot line between 3411/3431 Tipperary Drive, needs to be re-stripped Raised pavement markers are installed at 20 foot intervals.
3. **Going south from the southeast curve on Limerick Drive, a "15 MPH Speed Limit" sign exists between 3622 and 3612**

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Tipperary Drive for southbound motorists. Needs to be changed to a "20 MPH Speed Limit" sign.

Galway Ct. – Cul-de-sac at the northwest corner of Limerick Drive

1. There was a "Stop Sign/Street Name Blade" combination at the northwest corner of Galway Court and Limerick Drive. A "Dead End" (W14-1a) sign should be installed on top of the stop sign under the name blades. The "Stop" and "Dead End" signs are missing.

General Comments:

1. Replace all "Stop" signs with high intensity sheeting to improve the reflectivity of the signs. Replace all faded "Stop" signs immediately.
2. Raise all "Stop" signs adjacent to sidewalks to a minimum height of 7 feet above the edge of pavement.
3. All street name blades should be cleaned and eventually replaced with 9 inch wide blades with reflective sheeting. All street name blades should have white sheeting background with green lettering and green border to indicate "private" streets.
4. Re-stripe all "Stop Bars".
5. Recommend six (6") inch wide double yellow centerline stripes, 25 feet long, behind all stop bars.
6. In all cases where sidewalks meet the back of curb at intersections, crosswalks should be striped in accordance with Florida Department of Transportation (FDOT) Design Standards Index 17346, Sheet 3 of 13, 2006 Edition.
7. Recommended "Speed Limit" sign installations appear in *italics*. Note that should the "Speed Limit" signs not be posted, Florida Statute 316.189 allows a maximum speed of 30 mph in a residential district in the absence of "Speed Limit" signs.
8. **Once the traffic control devices are installed, the Homeowners' Association shall notify Brevard County Traffic Engineering at 633-2077 or send a letter to the attention of Cynthia Morris, 2725 Judge Fran Jamieson Way, Bldg., A, Viera, FL 32940 and advise us of the completion date. Brevard County Traffic Engineering will then notify the Brevard County Sheriff's Department to begin enforcement.**