

TRAFFIC CONTROL DEVICES COMPLAINT REPORT

FOR

**East Lake Woodlands Community
Oldsmar, FL**

PREPARED FOR

**East Lake Woodlands Community Association
c/o Management & Associates
COD No. C0076-J001**

September 12, 2022



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I. Scope/Introduction

Civil On Demand (COD) was contracted by the Board of Directors for the East Lake Woodlands Community Association to provide a report that summarizes the status and compliance of the existing signage and striping for the major roadways within the East Lake Woodlands Community. The purpose of the report is to assist the ELWCA in their recertification process with the Pinellas County Sheriff's Department for the ability to enforce traffic laws and moving violations within the community.

II. Community Association Rights-of-Way

COD performed field inspection of all signage and striping for the following roadways and their respective intersections:

- East Lake Woodlands Parkway
- Woodlands Parkway
- Sunflower Drive
- Woodlands Boulevard
- Woodlands Drive
- S Woodland Drive

No public or privately owned subdivision roadways were inspected beyond their intersection with the above listed roadways.

III. Basis of Review

COD will be utilizing the current editions of the following technical standards:

- Manual On Uniform Traffic Control Devices (MUTCD)
- Florida Greenbook
- Pinellas County Land Development Code

The goal of the overall review is NOT to bring the roadways into full compliance with the standards but to use them as a guide to verify and cure the signage & striping on the roadways. The recommendations provided are specific to requirements needed to allow the Pinellas County Sheriff the ability to enforce traffic laws and moving violations within the roadways controlled by ELWMA. This is not a full safety compliance inspection.

IV. Cure Plan

COD is providing recommendations to the East Lake Woodlands Community Association to cure the existing non-compliance traffic control issues within the roadways. The cure plan is as follows:

Stop Signs

There is a myriad of stop signs located within the Community. During the analysis it was found that some signs have been standardized and are compliant while others are not. Stop signs could be non-compliant for reasons such as height, material (wood v. metal), placement, and sign

dimensions. It is our recommendation that all non-standardized stop signs be replaced with standardized stop signs throughout the East Lake Woodlands Community Association rights-of-way.

Stop Bars

The overwhelming majority of intersections are lacking stop bars. The stop bars that have been installed are faded and mostly non-compliant due to the width. It is our recommendation that stop bars be added to all intersections and that all existing stop bars be re-striped. All stop bars should be painted reflective white. At a minimum, the major intersections should use thermoplastic.

Pedestrian Crossings

Due to the age of the Community, many of the pedestrian crossings are not ADA compliant. A pedestrian crossing meeting ADA standard would include such items as truncated domes, appropriately sloped ramps, and striped crosswalks.

Roadway Striping & Signage

East Lake Woodlands consists of five major roadways that function as collector roads for the subdivisions and commercial uses located throughout the community. The design of these roadways is curvilinear and feels rural in nature. To account for these conditions, we recommend the following improvements take place:

- Install six-inch double yellow reflective striping with reflective pavement markers (RPMs) down all centerlines.
- Install six-inch single white reflective striping along all outside edges of travel lanes
- Review “Roadway Analysis” for missing signage and miscellaneous striping.
- Check all signs for reflectivity.

V. Summary

In comparing the field conditions to the MUTCD, FDOT, and Pinellas County standards, there are various issues with compliance that exist throughout the community. The non-compliances observed in field have been detailed in Section IV Roadway Analysis of this report. It should be noted that many of the roadway signs are compliant and do not need replacement. It is the professional opinion of Civil On Demand that the non-compliances and omissions identified be corrected by the ELWCA in a timely manner.

VI. Roadway Analysis

Each major roadway within the East Lake Woodlands Community Association has been analyzed for traffic control compliance. The information obtained has been separated by major roadway, local intersections, and roadway segments.

E LAKE WOODLANDS PARKWAY (SEGMENT 1: TAMPA ROAD TO WOODLANDS BLVD)

1. ERIC COURT
 - a. ID No. ELW-1
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is non-compliant
 - iii. No Truncated Domes or Crosswalk striping
2. S WOODLANDS DRIVE
 - a. ID No. ELW-2
 - b. Deficiencies
 - i. S Woodlands Dr. WB: Stop Bar is faded
 - ii. S Woodland Dr. WB: Stop Sign is in conflict with Golf Cart Crossing.
 - iii. S Woodlands Dr. EB: Stop Bar is faded
 - iv. No truncated domes or crosswalk striping across E Lake Woodlands Pkwy
 - v. No reflective diamond in median (both sides)
3. TOWN CENTER DRIVEWAY
 - a. ID No. ELW-3
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Non-compliant parking stall in ROW
 - iii. No reflective diamond in median (both sides)
4. WOODLANDS PARKWAY
 - a. ID No. ELW-4
 - b. Deficiencies
 - i. Clubhouse Ingress: Unclear if this is used as “One Way”; Signage needs to be added to clarify “One Way” or “Two Way” traffic pattern
 - ii. Woodlands Parkway: Missing reflective diamond below R4-7 sign.
 - iii. No reflective diamond in median (both sides)
5. WILDER WAY
 - a. ID No. ELW-5
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low.
6. CLUBHOUSE MEMBER PARKING LOT
 - a. ID No. ELW-6
 - b. Deficiencies
 - i. Missing Stop Bar
7. CLUBHOUSE GUEST PARKING LOT
 - a. ID No. ELW-7
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Missing truncated domes on HC ramp
8. ST ANDREWS PLACE
 - a. ID No. ELW-8
 - b. Deficiencies
 - i. Missing Stop Bar

- 9. CLUBHOUSE GUEST PARKING LOT
 - a. ID No. ELW-9
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
- 10. LINDSAY WAY
 - a. ID No. ELW-10
 - b. Deficiencies
 - i. Missing Stop Bar
- 11. SILVERTHORNE COURT
 - a. ID No. ELW-11
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
- 12. HUNTERS DRIVE
 - a. ID No. ELW-12
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
 - iii. Stop Sign queuing and crosswalk are in conflict
- 13. WOODLANDS BLVD
 - a. ID No. ELW-13
 - b. Deficiencies
 - i. Pedestrian/Golf Cart Crosswalk is faded.
- 14. ROADWAY
 - a. Deficiencies
 - i. Missing “GOLF CART AHEAD” Sign between ELW-6 & ELW-7 SB
 - ii. Missing gore striping and R4-7 with reflective diamond on SB approach to median between ELW-5 & ELW-6.
 - iii. Portions of the segment do not have the solid white lane stripe for the outside edge of travel land for the roadway.

E LAKE WOODLANDS PARKWAY (SEGMENT 2: WOODLANDS BLVD TO GREEHAVEN III)

1. HUNTERS PLACE/SEDGEFIELD COURT
 - a. ID No. ELW2-1
 - b. Deficiencies
 - i. Hunters Place: Missing Stop Bar
 - iv. Hunters Place: No Truncated Domes or Crosswalk striping
 - ii. Hunters Place: Stop Sign needs to be relocated behind Crosswalk
 - iii. Sedgefield Court: Missing Stop Bar
2. SUNFLOWER DRIVE
 - a. ID No. ELW2-2
 - b. Deficiencies
 - i. No Truncated Domes or Crosswalk striping
 - ii. Sidewalk abruptly ends at the EOP of E Lake Woodland Parkway southwest of the intersection. No crosswalk, signage, truncated domes, or sidewalk connection to the sidewalk on the opposite side of the ROW.
3. GRAYBROOK PLACE
 - a. ID No. ELW2-3
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
4. GREENHAVEN TRAIL
 - a. ID No. ELW2-4
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
5. GREENHAVEN PHASE III
 - a. ID No. ELW2-4
 - b. Deficiencies
 - i. Double yellow is faded in turning radius
6. ROADWAY
 - a. Deficiencies
 - i. Sidewalk abruptly ends at the EOP between ELW2-1 & ELW2-2. No crosswalk, signage, truncated domes, or sidewalk connection to the sidewalk on the opposite side of the ROW.
 - ii. Missing “Speed Limit 20” Sign between ELW2-2 & ELW2-3 NB

E LAKE WOODLANDS PARKWAY (SEGMENT 3: GREEHAVEN III TO WOODLANDS BLVD)

1. WHISPER WIND LANE
 - a. ID No. ELW3-1
 - b. Deficiencies
 - i. ELW Pkwy SB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - ii. ELW NB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - iii. Whisper Wind Lane: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - iv. Whisper Wind Lane: Stop Bar is faded
 - v. No Truncated Domes or Crosswalk striping
2. WHISPER WIND LANE
 - a. ID No. ELW3-2
 - b. Deficiencies
 - i. ELW Pkwy SB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - ii. ELW Pkwy SB: Stop Bar is faded
 - iii. ELW NB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - iv. ELW Pkwy SB: Stop Bar is faded
 - v. Whisper Wind Lane: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - vi. Whisper Wind Lane: Stop Bar is faded
 - vii. Sidewalk abruptly ends at the EOP north of the intersection. No crosswalk, signage, truncated domes, or sidewalk connection to the sidewalk on the opposite side of the ROW.
3. BAYHILL DRIVE
 - a. ID No. ELW3-3
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
4. BAYHILL DRIVE/ENCLAVE DRIVE
 - a. ID No. ELW3-4
 - b. Deficiencies
 - i. Bayhill Dr.: Missing Stop Bar
 - ii. Bayhill Dr.: No Truncated Domes or Crosswalk striping
 - iii. Enclave Dr.: Missing Stop Bar
 - iv. Enclave Dr.: No Truncated Domes or Crosswalk striping
5. WARWICK DRIVE
 - a. ID No. ELW3-5
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
6. MUIRFILED DRIVE
 - a. ID No. ELW3-6
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
7. MUIRFIELD DRIVE
 - a. ID No. ELW3-7
 - b. Deficiencies

- i. No Truncated Domes or Crosswalk striping
- 8. WARWICK DRIVE
 - a. ID No. ELW3-8
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
- 9. PINEHURST COURT
 - a. ID No. ELW3-9
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
- 10. PINNACLE DRIVE/AVENEL COURT
 - a. ID No. ELW3-10
 - b. Deficiencies
 - i. Pinnacle Drive: Missing Stop Bar
 - ii. Pinnacle Drive: No Truncated Domes or Crosswalk striping
 - iii. Avenel Court: Missing Stop Bar
 - iv. Avenel Court: No Truncated Domes or Crosswalk striping
- 11. TURTLE CREEK TRAIL/PINNACLE DRIVE
 - a. ID No. ELW3-11
 - b. Deficiencies
 - i. Turtle Creek Trail: Missing Stop Bar
 - ii. Turtle Creek Trail: Stop Sign is non-compliant
 - iii. Turtle Creek Trail: No Truncated Domes or Crosswalk striping
 - iv. Pinnacle Drive: Missing Stop Bar
 - v. Pinnacle Drive: No Truncated Domes or Crosswalk striping
- 12. DIAMOND COURT
 - a. ID No. ELW3-12
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
- 13. CHRISTY LANE
 - a. ID No. ELW3-13
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
 - iii. No Truncated Domes or Crosswalk striping for Pedestrian crossing of ELWP
- 14. TURTLE CREEK CIRCLE
 - a. ID No. ELW3-14
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
 - iii. Sidewalk ramps are non-compliant (too large)
- 15. RANDALL COURT/WOODY LANE
 - a. ID No. ELW3-15

b. Deficiencies

- i. Randall Court: Missing Stop Bar
- ii. Woody Lane: Missing Stop Bar
- iii. Woody Lane: No Truncated Domes or Crosswalk striping
- iv. Sidewalk ramps are non-compliant (too large)
- v.

16. ROADWAY

a. Deficiencies

- i. Missing “Speed Limit 20” Sign between ELW3-4 & ELW3-5 NB and SB
- ii. Golf Cart Crossing striping is faded between ELW3-11 & ELW3-12
- iii. Missing R4-7 Sign with reflective diamond on SB & NB approaches to median north of ELW3-13
- iv. Golf Cart Crossing striping is faded between ELW3-14 & ELW3-15
- v. Missing W3-1a “Stop Ahead” sign between ELW3-15 & Woodlands Blvd

WOODLANDS PARKWAY

1. WOODLANDS DRIVE
 - a. ID No. WP-1
 - b. Deficiencies
 - i. Missing Stop Bar
2. HOLLY HILL ROAD
 - a. ID No. WP-2
 - b. Deficiencies
 - i. Holly Hill Road SB: No truncated domes or crosswalk striping
3. WOODLAKE WYNDE
 - a. ID No. WP-3
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
4. COMMERCIAL DRIVEWAY
 - a. ID No. WP-4
 - b. Deficiencies
 - i. Missing Stop Bar
5. ROADWAY
 - a. Deficiencies
 - i. Missing R4-7 with reflective diamond in WB median @ WP-3
 - ii. Missing reflective diamond on existing R4-7 sign in EB median approach @ WP-3
 - iii. No turn lane striping for WB turn lane into Woodlake Wynde (WP-3)
 - iv. Missing reflective yellow paint at bullnose of median (both sides) @ WP-3

WOODLANDS BOULEVARD

6. DEERPATH DRIVE
 - a. ID No. WB-1
 - b. Deficiencies
 - i. Missing Stop Bar
7. EAST LAKE WOODLANDS PARKWAY
 - a. ID No. WB-2
 - b. Deficiencies
 - i. Woodland Blvd SB: Stop Bar is faded
 - ii. Woodlands Blvd NB: Stop Bar is faded
 - iii. East Lake Woodlands Parkway: Stop Bar is faded
 - iv. Pedestrian Crosswalk is faded
8. FOXBORO COURT
 - a. ID No. WB-3
 - b. Deficiencies
 - i. Missing Stop Bar
9. ISLEWORTH COURT
 - a. ID No. WB-4
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. Stop sign is misplaced (blocking sidewalk)
10. CROSS POINTE DRIVE
 - a. ID No. WB-5
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop sign is misplaced (blocking sidewalk)
11. STONEBRIAR DRIVE
 - a. ID No. WB-6
 - b. Deficiencies
 - i. Missing Stop Bar
12. SHEERBROOK DRIVE
 - a. ID No. WB-7
 - b. Deficiencies
 - i. Missing Stop Bar
13. PEBBLEBROOK DRIVE
 - a. ID No. WB-8
 - b. Deficiencies
 - i. Missing Stop Bar
14. WOODSTREAM DRIVE/FORESTEDGE BOULEVARD
 - a. ID No. WB-9
 - b. Deficiencies
 - i. Forestedge Blvd WB: Missing Stop Bar
 - ii. Forestedge Blvd WB: Stop sign is misplaced (blocking sidewalk)
 - iii. Woodstream Drive EB: Missing Stop Bar
 - iv. Woodstream Drive EB: Stop sign is misplaced (blocking sidewalk)

15. PRESERVATION WAY

- a. ID No. WB-10
- b. Deficiencies
 - i. Missing Stop Bar
 - ii. Missing “DO NOT ENTER” Sign at entrance
 - iii. Stop sign is misplaced (blocking sidewalk)

16. FORESTEDGE BLVD

- a. ID No. WB-11
- b. Deficiencies
 - i. Missing Stop Bar

17. CLAYS TRAIL

- a. ID No. WB-12
- b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is placed too close to Woodlands Blvd.

18. CLAYS TRAIL

- a. ID No. WB-13
- b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is placed too close to Woodlands Blvd.

19. ROADWAY

- a. Deficiencies
 - i. Golf Cart Crossing striping is faded.

SUNFLOWER DRIVE

1. GREENHAVEN CIRCLE
 - a. ID No. SF-1
 - b. Deficiencies
 - i. Appear to have pedestrian crossing but no crosswalk or ramp connecting to sidewalk on eastside of Sunflower Drive
2. ELK DRIVE
 - a. ID No. SF-2
 - b. Deficiencies
 - i. Missing Stop Bar
3. GREENHAVEN CIRCLE
 - a. ID No. SF-3
 - b. Deficiencies
 - i. Appear to have pedestrian crossing but no crosswalk or ramp connecting to sidewalk on eastside of Sunflower Drive
4. LUCAS LANE
 - a. ID No. SF-4
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop sign is placed too close to Sunflower Drive
5. PINEWINDS BOULEVARD
 - a. ID No. SF-5
 - b. Deficiencies
 - i. Pinewoods Blvd: Missing Stop Bar
 - ii. Pinewoods Blvd: R1-3 "3 Way" missing from below R1-1 Stop Sign
 - iii. Sunflower Drive SB: Stop Bar is faded
 - iv. Sunflower Drive NB: Stop Bar is faded
6. EDGEWATER LANE
 - a. ID No. SF-6
 - b. Deficiencies
 - i. Missing Stop Bar
7. WOODS LANDING TRAIL
 - a. ID No. SF-7
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
8. AUGUSTA AVENUE
 - a. ID No. SF-8
 - b. Deficiencies
 - i. Missing Stop Bar
9. S WOODLANDS DRIVE
 - a. ID No. SF-9
 - b. Deficiencies
 - i. S Woodlands Drive: Stop Bar is faded
 - ii. Appear to have pedestrian crossing but no crosswalk or ramp connecting to sidewalk on westside of Sunflower Drive or across S Woodlands Drive

10. IRIS PLACE

- a. ID No. SF-10
- b. Deficiencies
 - i. Missing Stop Bar

11. ASHLEY LANE

- a. ID No. SF-11
- b. Deficiencies
 - i. Sunflower Dr SB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - ii. Sunflower Dr NB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - iii. Ashley Lane: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - iv. Ashley Lane: Missing Stop Bar

12. SPRUCE COURT

- a. ID No. SF-12
- b. Deficiencies
 - i. Missing Stop Bar

13. BALSAM DRIVE

- a. ID No. SF-13
- b. Deficiencies
 - i. Missing Stop Bar

14. ASTER PLACE

- a. ID No. SF-14
- b. Deficiencies
 - i. Missing Stop Bar

15. ROADWAY

- a. Deficiencies
 - i. Missing W3-1a “Stop Ahead” sign between SF-9 & SF-10 SB
 - ii. Missing W3-1a “Stop Ahead” sign between SF-9 & SF-10 NB
 - iii. Missing W1-2 “Curve Ahead” Sign between SF-13 & SF-14 SB

WOODLANDS DRIVE

1. CYPRESS LANE
 - a. ID No. WD-1
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
2. PINE COURT
 - a. ID No. WD-2
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. "Speed Limit 15" sign shown exiting onto Woodlands Drive is incorrect
3. PALMETTO COURT
 - a. ID No. WD-3
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. "Speed Limit 15" sign shown exiting onto Woodlands Drive is incorrect
4. MEADOW LANE/WOODLAND COURT
 - a. ID No. WD-4
 - b. Deficiencies
 - i. Woodland Ct WB: Missing Stop Bar
 - ii. Woodland Ct WB: Stop Sign is too low
 - iii. Meadow Lane EB Missing Stop Bar
 - iv. Meadow Lane EB Missing Stop Sign
5. LAKESIDE DRIVE
 - a. ID No. WD-5
 - b. Deficiencies
 - i. None
6. CAMILLE COURT
 - a. ID No. WD-6
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
7. LAKEVIEW WAY
 - a. ID No. WD-7
 - b. Deficiencies
 - i. Missing Stop Bar
8. CAMILLE COURT
 - a. ID No. WD-8
 - b. Deficiencies
 - i. Missing Stop Bar
9. MARY DRIVE
 - a. ID No. WD-9
 - b. Deficiencies
 - i. Missing Stop Bar

10. MARTHA LANE

- a. ID No. WD-10
- b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low

11. NINA WAY

- a. ID No. WD-11
- b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low

12. NINA WAY/CARYL WAY

- a. ID No. WD-12
- b. Deficiencies
 - i. Caryl Way SB: Missing Stop Bar
 - ii. Caryl Way SB: Stop Sign is too low

13. ROADWAY

- a. Deficiencies
 - i. Missing “Speed Limit 20” Sign between WD-1 & Woodlands Parkway heading southbound SB
 - ii. Double Yellow is faded throughout the roadway
 - iii. Missing W1-2 Curve Ahead Sign between Camille Court and Lakeview Way SB
 - iv. Missing W3-1a Stop Ahead Sign between WD-10 & WD-11 SB

S WOODLANDS DRIVE

1. CYPRESS PLACE
 - a. ID No. SWD-1
 - b. Deficiencies
 - i. Missing Stop Bar
2. LISA LANE
 - a. ID No. SWD-2
 - b. Deficiencies
 - i. Stop Bar is too thin
3. WOODLANDS DRIVE/MICHEALS CIRCLE
 - a. ID No. SWD-3
 - b. Deficiencies
 - i. S Woodland Drive EB: Double Yellow Striping missing
 - ii. S Woodland Drive EB: Stop Bar faded
 - iii. S Woodland Drive EB: R1-3 3 Way missing from below R1-1 Stop Sign
 - iv. Michaels Circle SB: missing Stop Bar
 - v. Michaels Circle SB: R1-3 “3 Way” missing from below R1-1 Stop Sign
 - vi. Woodlands Drive NB: R1-3 3 Way missing from below R1-1 Stop Sign
4. SLYVIA PLACE (MAY NOT BE ELW MA)
 - a. ID No. SWD-4
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping.
5. INGRID PLACE
 - a. ID No. SWD-5
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
6. INGRID PLACE
 - a. ID No. SWD-6
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
7. TADS TRAIL
 - a. ID No. SWD-7
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. No Truncated Domes or Crosswalk striping
8. EVELYN COURT
 - a. ID No. SWD-8
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. No Truncated Domes or Crosswalk striping
9. TADS TRAIL

- a. ID No. SWD-9
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. No Truncated Domes or Crosswalk striping
10. POOLE PLACE INTERSECTION
- a. ID No. SWD-10
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
11. COLETTE COURT
- a. ID No. SWD-11
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is too low
 - iii. No Truncated Domes or Crosswalk striping
12. POOLE PLACE/COLETTE COURT (MAY NOT BE ELW MA)
- a. ID No. SWD-12
 - b. Deficiencies
 - i. Poole Place: Missing Stop Bar
 - ii. Poole Place: Stop Sign is too low
 - iii. Poole Place: No Truncated Domes or Crosswalk striping
 - iv. Colette Court: Missing Stop Bar
 - v. Colette Court: Stop Sign is too low
 - vi. Colette Court: No Truncated Domes or Crosswalk striping
13. LAKESHORE LOOP
- a. ID No. SWD-13
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
14. LAKESHORE LOOP
- a. ID No. SWD-14
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping
15. WOODBRIDGE COURT
- a. ID No. SWD-15
 - b. Deficiencies
 - i. Missing Stop Sign
 - ii. Missing Stop Bar
 - iii. No Truncated Domes or Crosswalk striping
16. WOODBRIDGE CIRCLE
- a. ID No. SWD-16
 - b. Deficiencies
 - i. Missing Stop Bar
 - ii. No Truncated Domes or Crosswalk striping

17. KINGSMILL COURT

- a. ID No. SWD-17
- b. Deficiencies
 - i. Missing Stop Bar
 - ii. Stop Sign is non-compliant
 - iii. No Truncated Domes or Crosswalk striping

18. ROADWAY

- a. Deficiencies
 - i. Missing “Speed Limit 20” Sign between SWD-2 & SWD-3 WB
 - ii. Missing W3-1a Stop Ahead Sign between SWD-2 & SWD-3 EB
 - iii. Sidewalk abruptly ends south of the entrance into Woodlands South Cluster IV. WB
 - iv. Missing “Speed Limit 20” Sign between Sunflower Dr & SWD-17 WB

VII. SITE PHOTOS

Select photos have been taken of the existing conditions that depict compliant and non-compliant traffic control measures.

Photo #1

Location: Holly Hill Road & Woodlands Parkway
Description: Complaint Stop Sign & Stop Bar



Photo #2

Location: Kingsmill Court & South Woodlands Drive
Description: Non-Compliant Stop Sign



Photo #3

Location: Eric Court & East Lake Woodlands Parkway
Description: Non-Complaint Stop Sign (material, height, & sign)



Photo #4

Location: East Lake Woodlands Parkway
Description: Non-Complaint Double Yellow Striping



Photo #5

Location: Sunflower Drive
Description: Complaint Pedestrian Crossing



Photo #6

Location: East Lake Woodlands Parkway
Description: Non-Complaint Pedestrian Crossing (no signage, truncated domes, crosswalk, or s/w connection)



Photo #7

Location: East Lake Woodlands Parkway (southbound approach to clubhouse)
Description: Striping Non-Compliance (missing gore, centerline double yellow misaligned, poor placement of golf cart crossing approach sign)



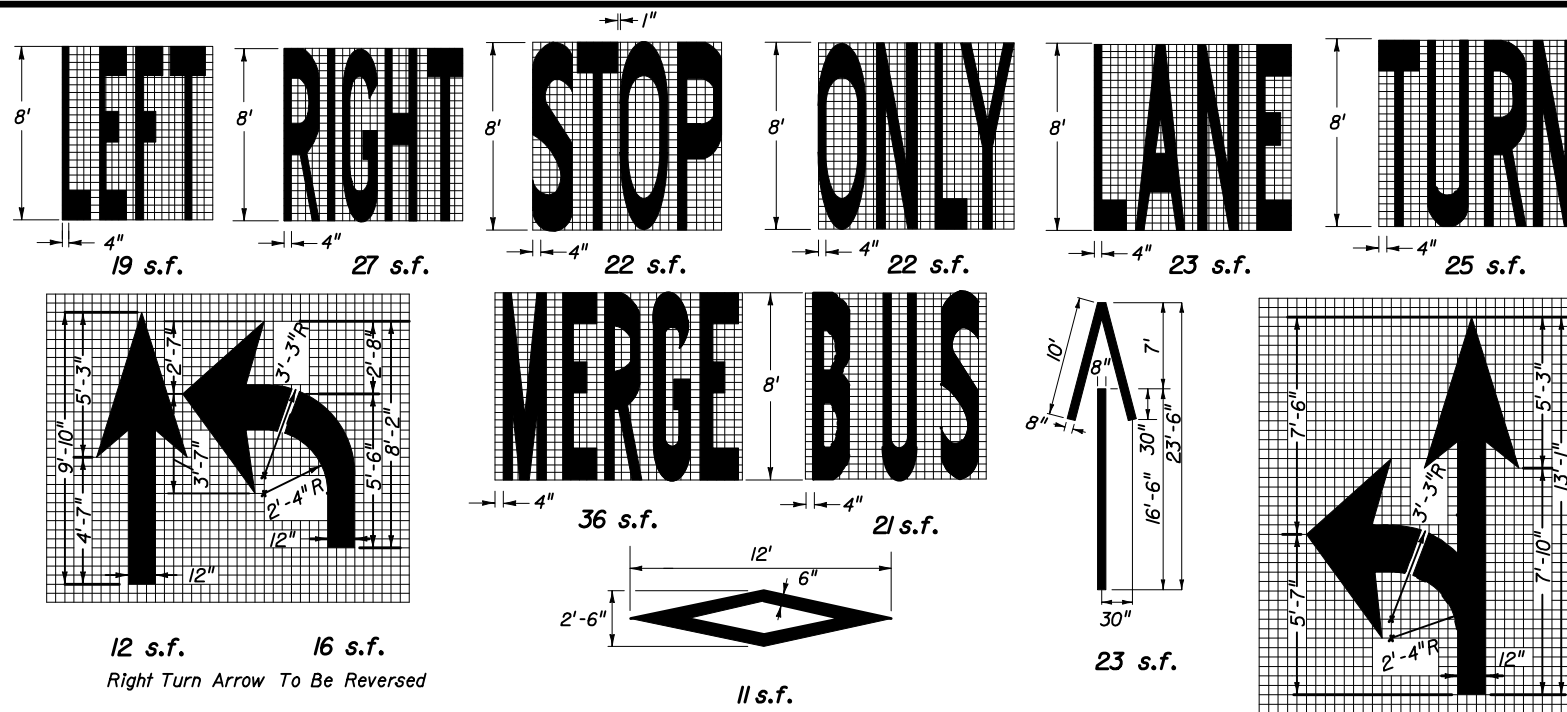
Photo #8

Location: Woodlake Wynde & Woodlands Parkway
Description: Missing turn lane striping and signage

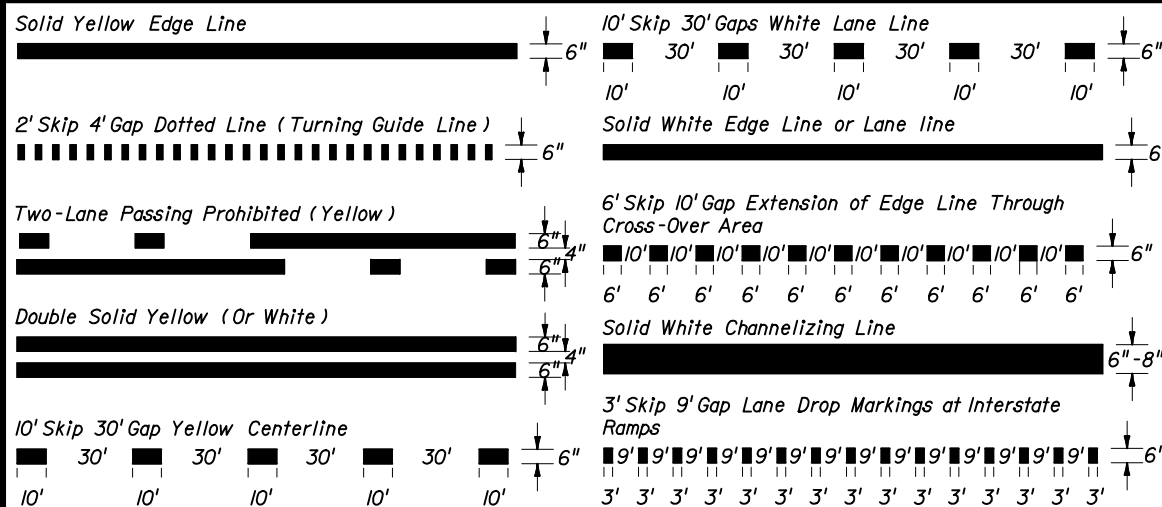


APPENDIX A

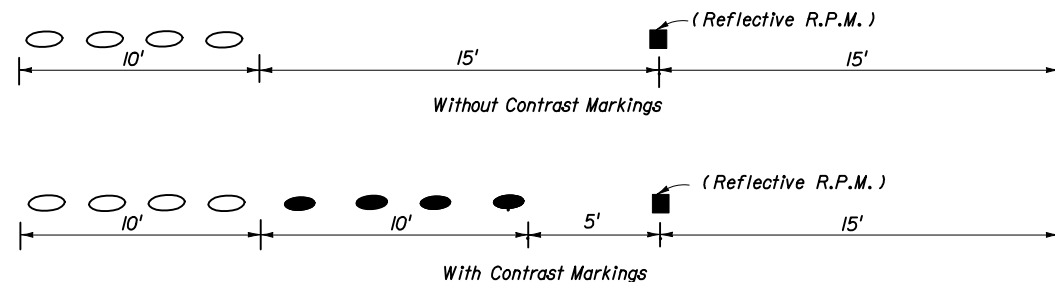
FDOT SIGNAGE & STRIPING STANDARDS



PAVEMENT ARROW AND MESSAGE DETAILS

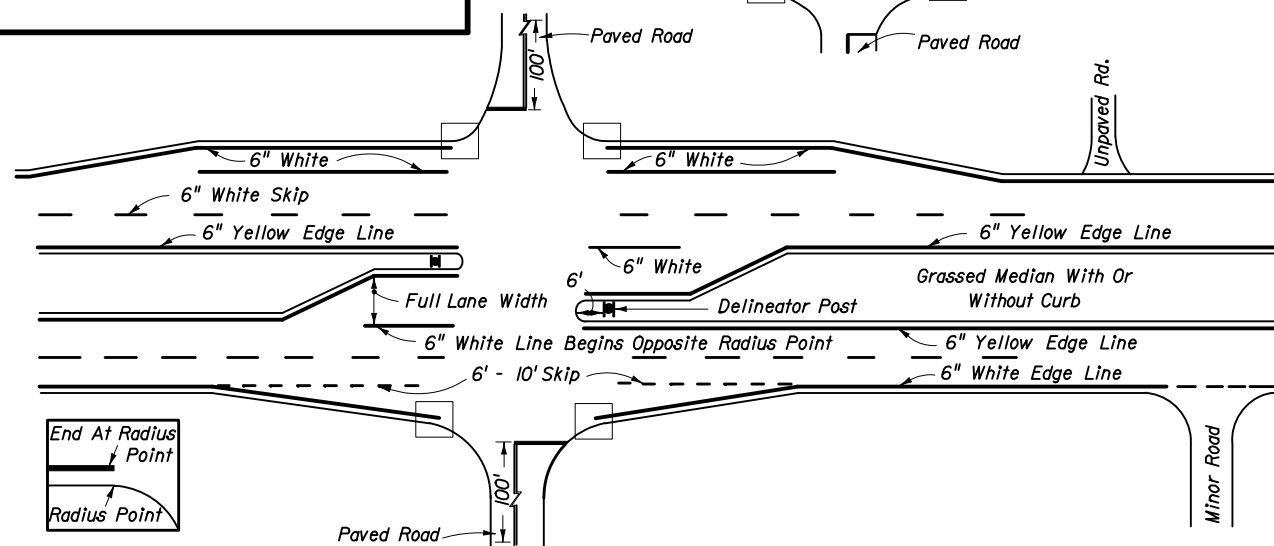


TYPES OF PERMANENT LONGITUDINAL LINES

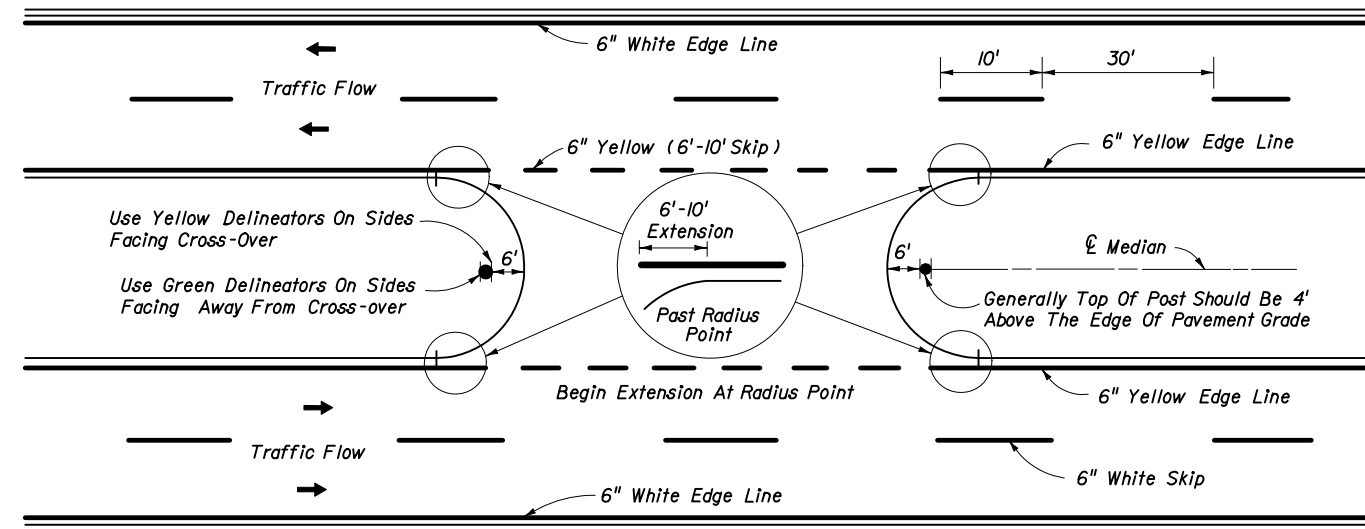


NON-REFLECTIVE CERAMIC PAVEMENT MARKER PLACEMENT

BASIC COLOR RULE
White lines separate traffic in the same direction.
Yellow lines separate traffic in opposing directions.
Yellow dotted lines may be used in special cases.

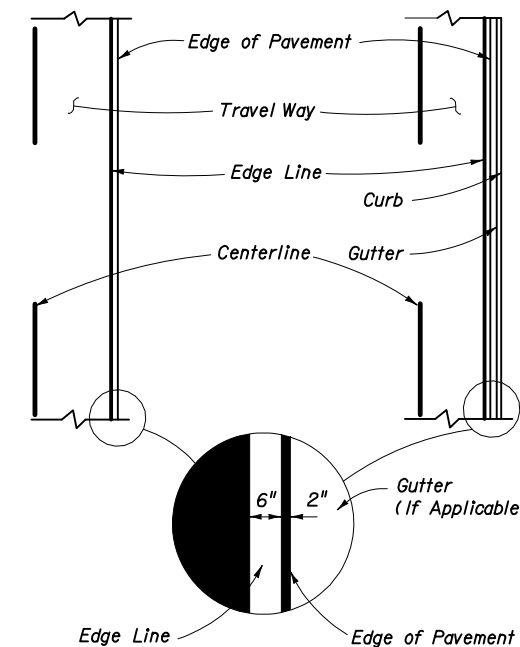
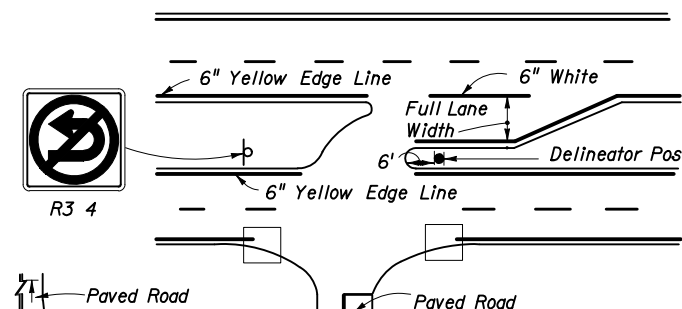


PAVEMENT MARKINGS FOR INTERSECTIONS WITH MAJOR AND MINOR ROADS



PAVEMENT MARKINGS AND DELINEATORS FOR MEDIAN CROSS-OVER

NOTE:
Markings applied to median noses shall be yellow in color.

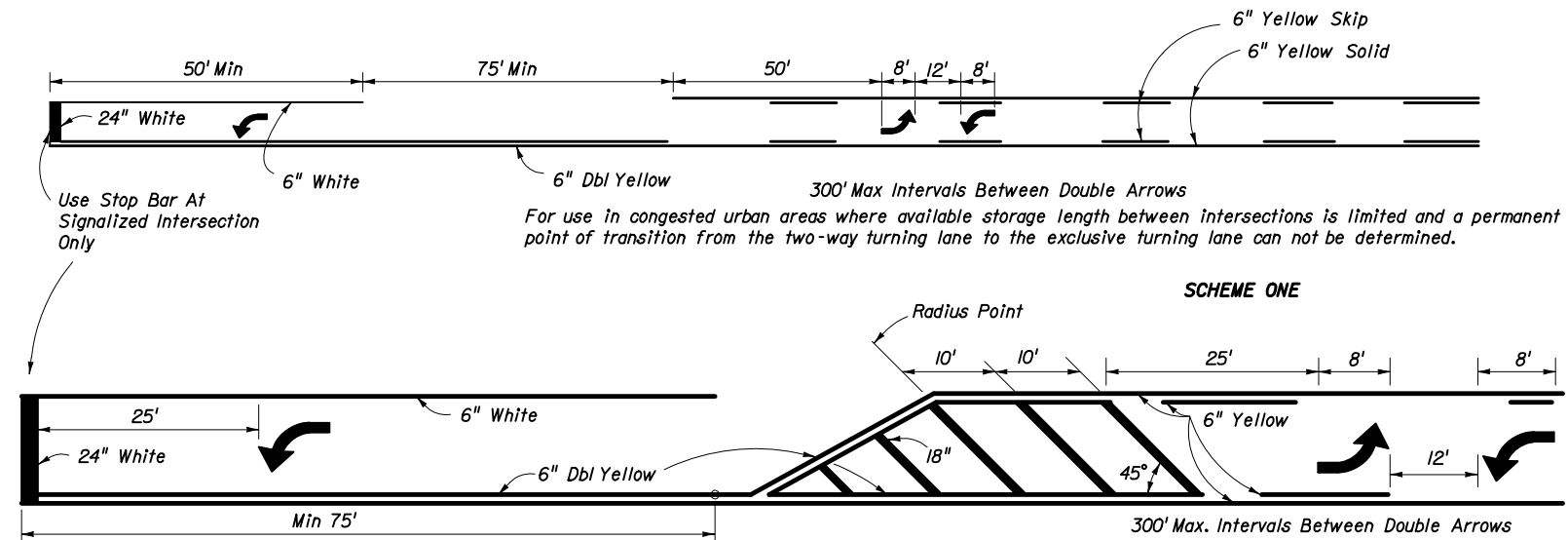


PLACEMENT OF EDGE LINES

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SPECIAL MARKING AREAS

Names	Dates	Approved By
Designed By	8-78	State Traffic Standards Engineer
Drawn By		Revision
Checked By	8-78	04
		Sheet No. 1 of 13
		Index No. 17346



For use in rural & suburban areas where an adequate storage lane length can be specifically determined.

SCHEME TWO

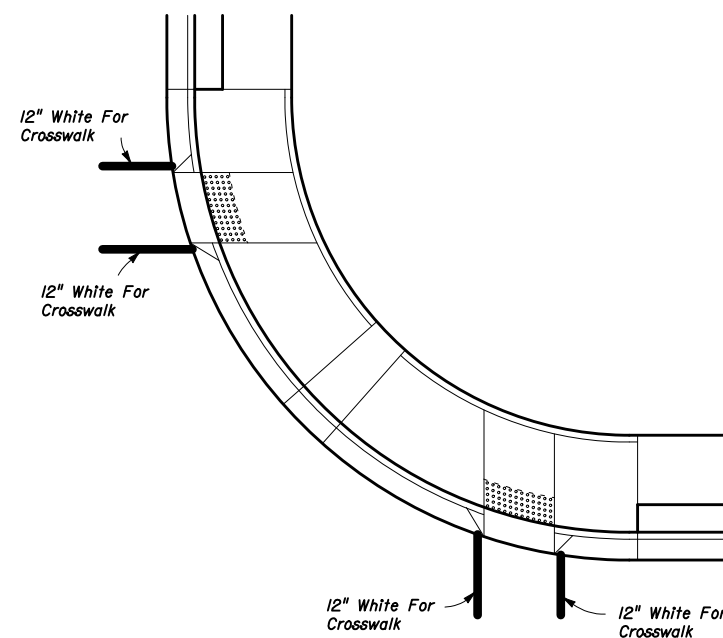
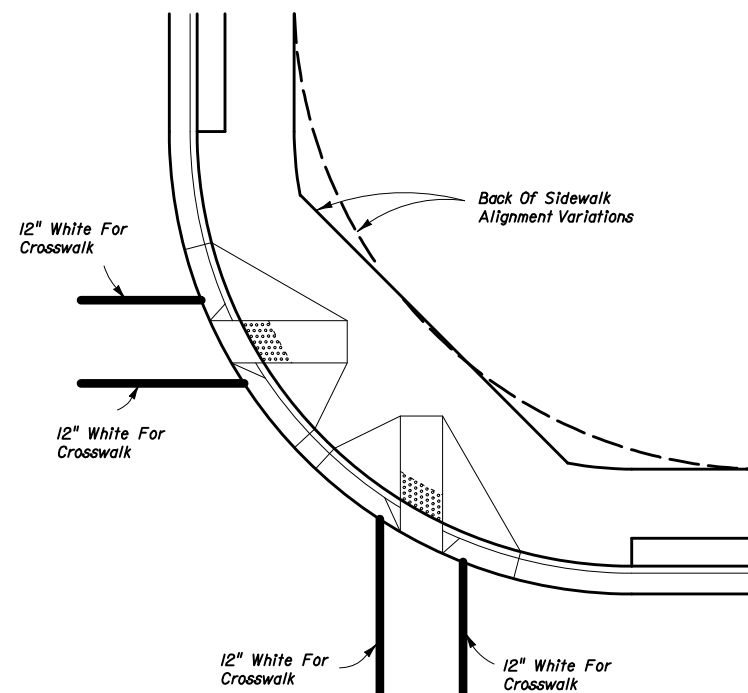
(WITH SINGLE LANE LEFT TURN CHANNELIZATION)
TWO WAY LEFT TURN LANE



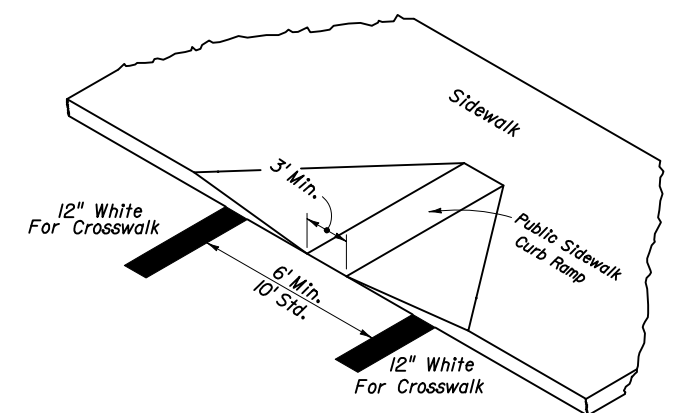
W8-5

Slippery When Wet signs shall be placed in advance of all movable and non-movable steel deck bridges.
See Section 2.1 of the Traffic Engineering Manual (Topic Number 750-000-005).

SIGNING FOR MOVEABLE AND NON-MOVEABLE BRIDGES WITH STEEL DECK



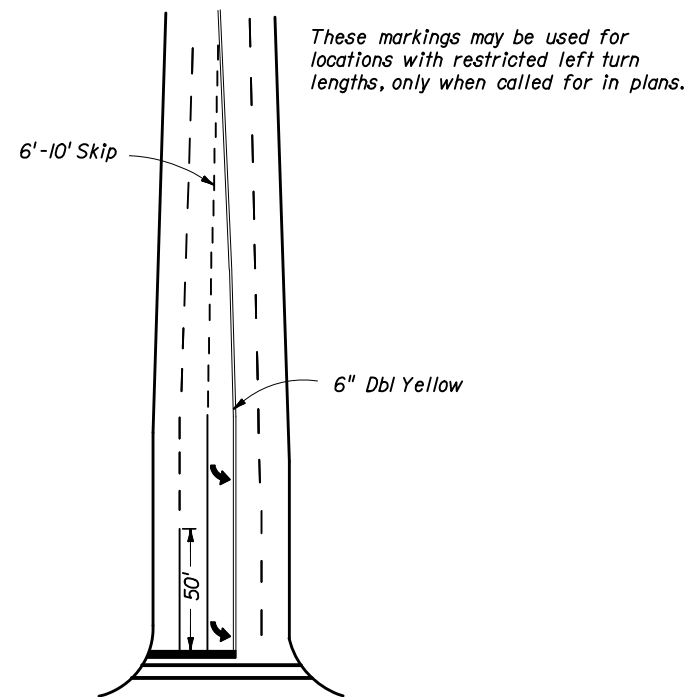
TYPICAL CROSSWALK MARKINGS FOR CURB RAMPS



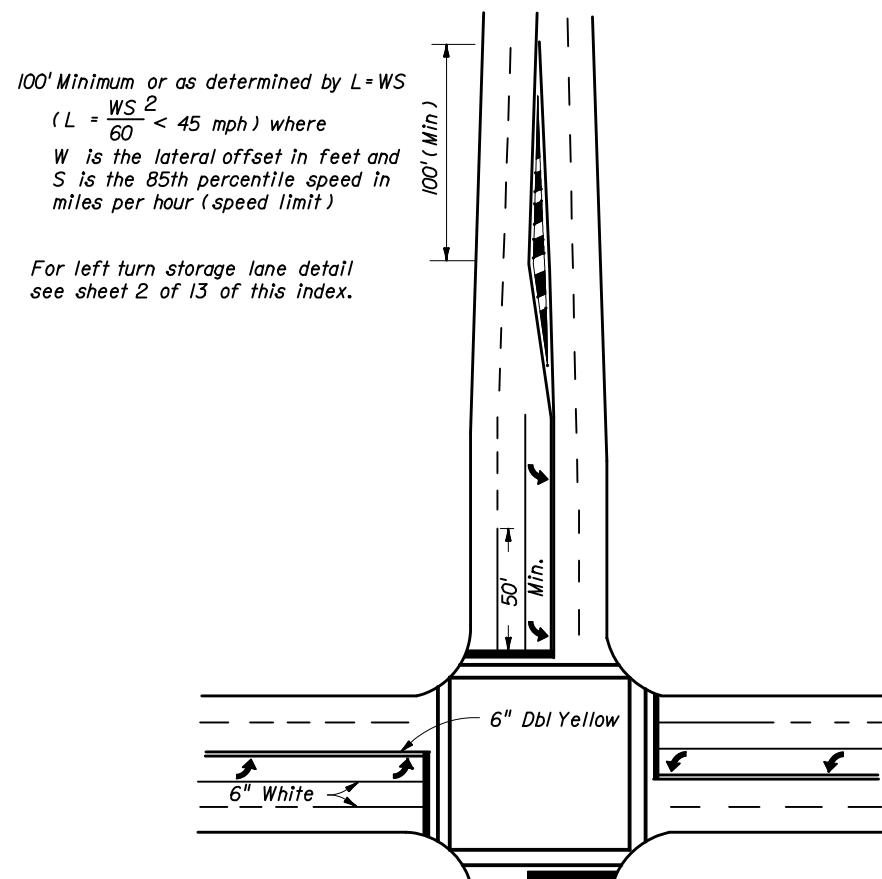
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SPECIAL MARKING AREAS

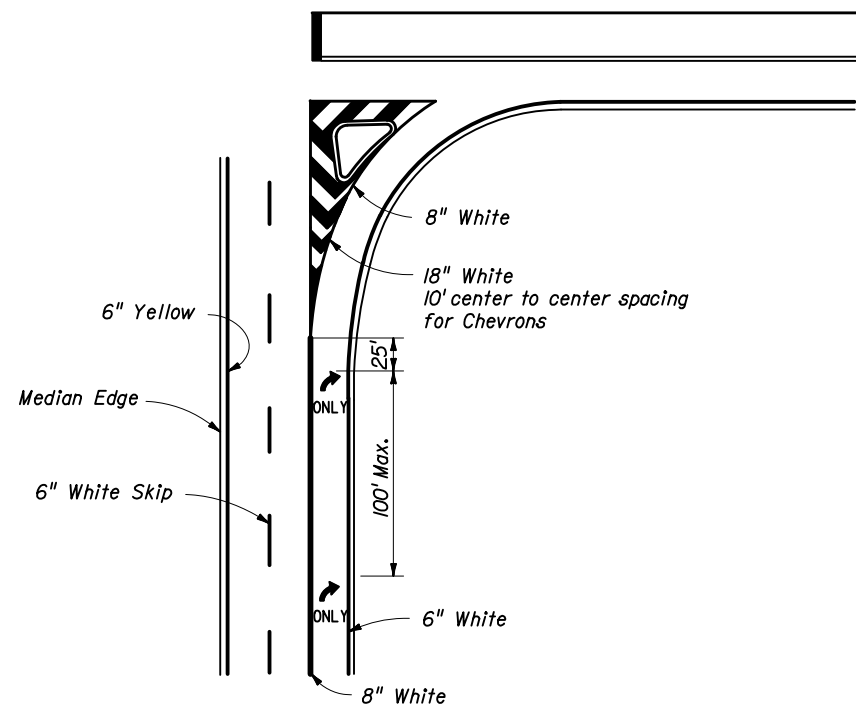
	Names	Dates	Approved By		
Designed By		9-76	 State Traffic Standards Engineer		
Drawn By					
Checked By		9-76			
			Revision	Sheet No.	Index No.
			04	2 of 13	17346



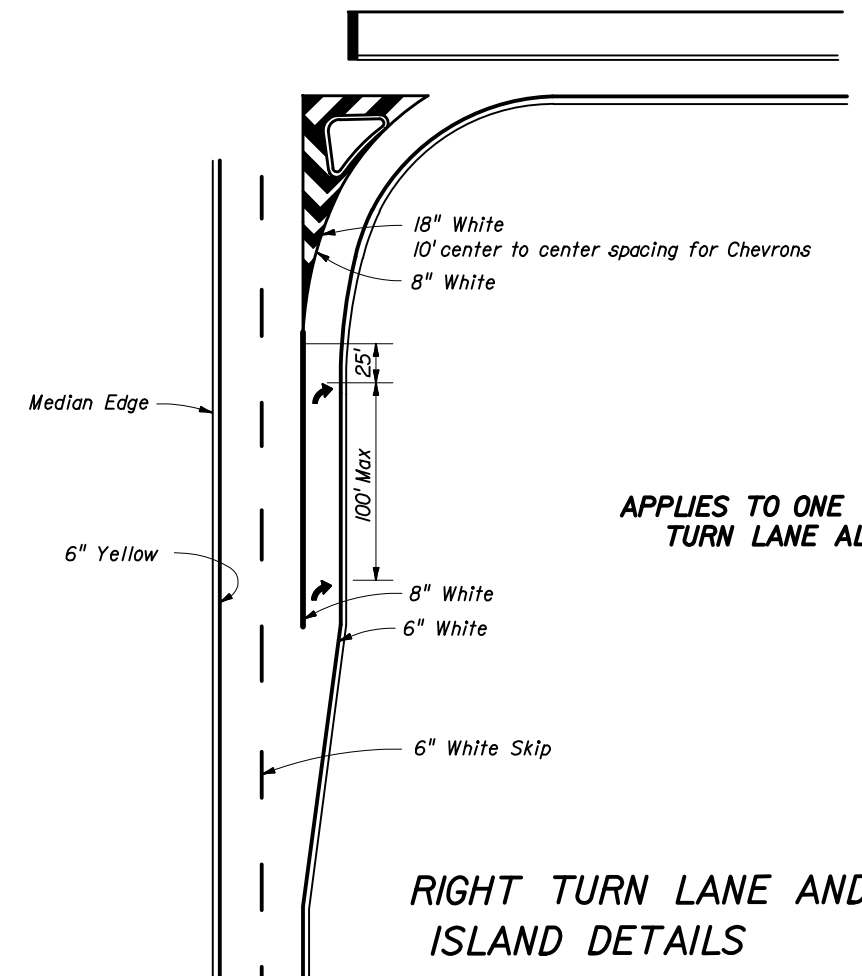
RESTRICTED LEFT TURN MARKING



TYPICAL INTERSECTION 2 THRU LANES PLUS LEFT TURN LANE, WITH CROSSWALK

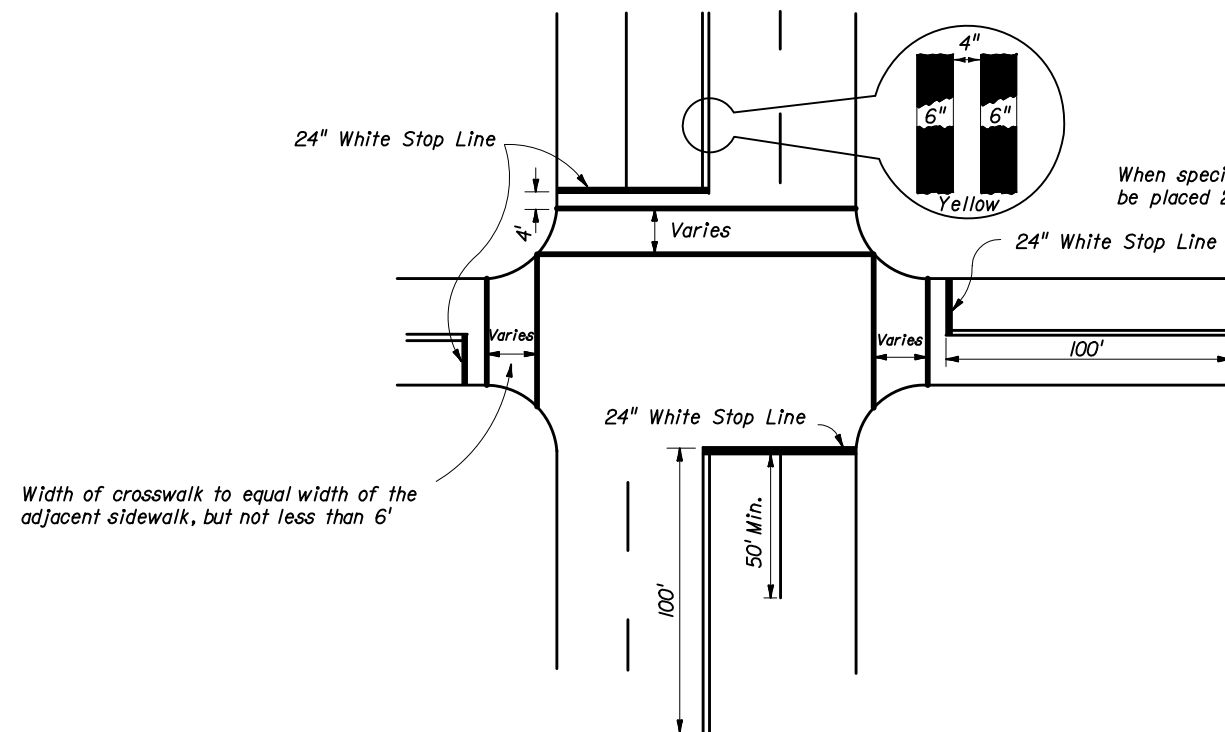


RIGHT TURN LANE DROP AND ISLAND DETAILS
LEFT TURN LANE DROP IS MIRROR IMAGE



APPLIES TO ONE WAY LEFT TURN LANE ALSO

RIGHT TURN LANE AND ISLAND DETAILS



STOP BARS, CROSSWALKS AND DOUBLE CENTER LINE DETAILS

NOTES:

1. When public sidewalk curb ramps are present, refer to sheet 2 of 13 & 7 of 13 of this Index 17346 and Index No. 304 for crosswalk widths.
2. Double yellow longitudinal center lines on all roadway approaches shall be extended back 100' for projects involving intersection improvements only.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SPECIAL MARKING AREAS

	Names	Dates	Approved By
Designed By		9-76	Clark A. Scott
Drawn By			State Traffic Standards Engineer
Checked By		9-76	04
			3 of 13
			17346

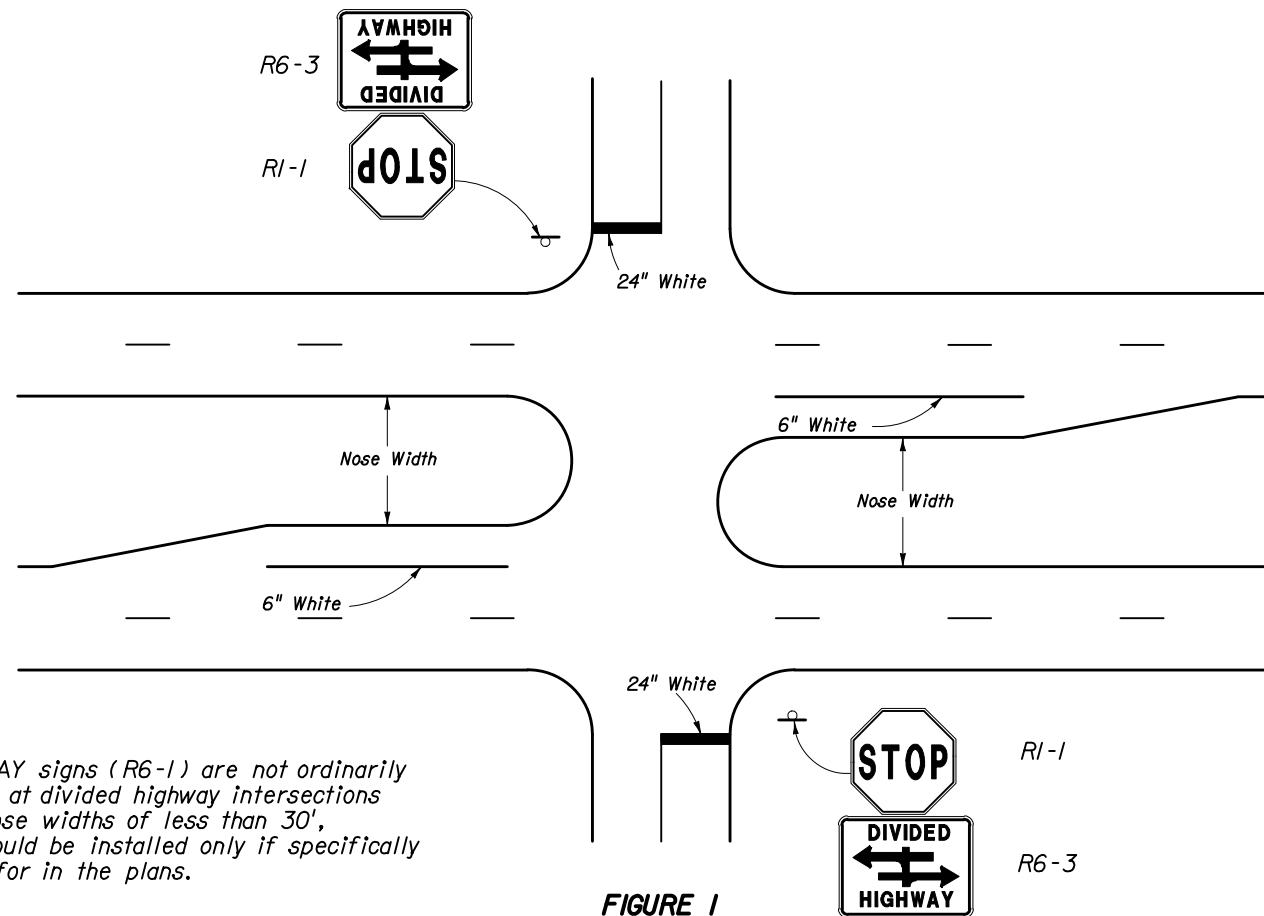


FIGURE 1
NOSE WIDTHS UNDER 30'

ONE-WAY SIGNS ON DIVIDED HIGHWAY INTERSECTIONS

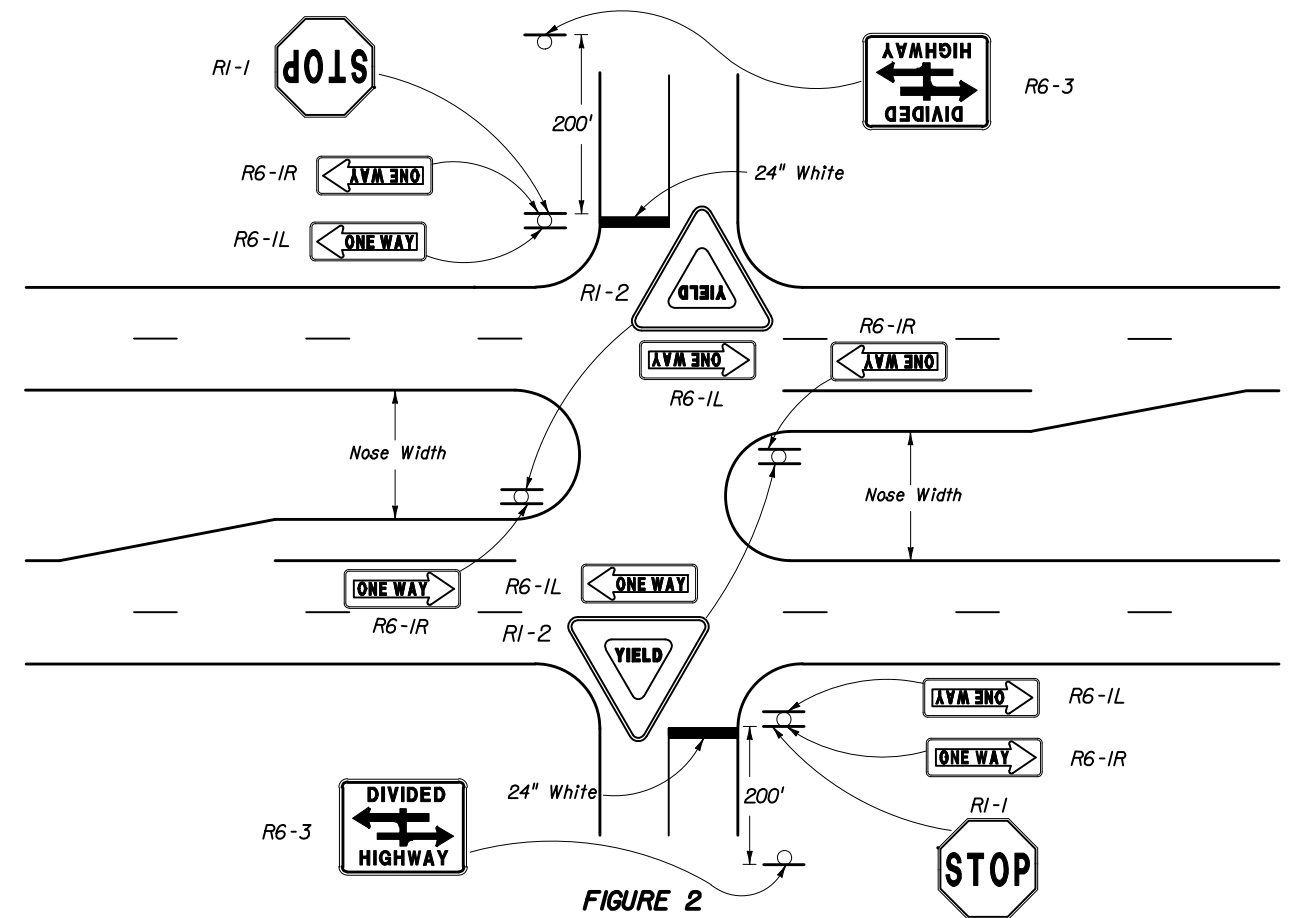
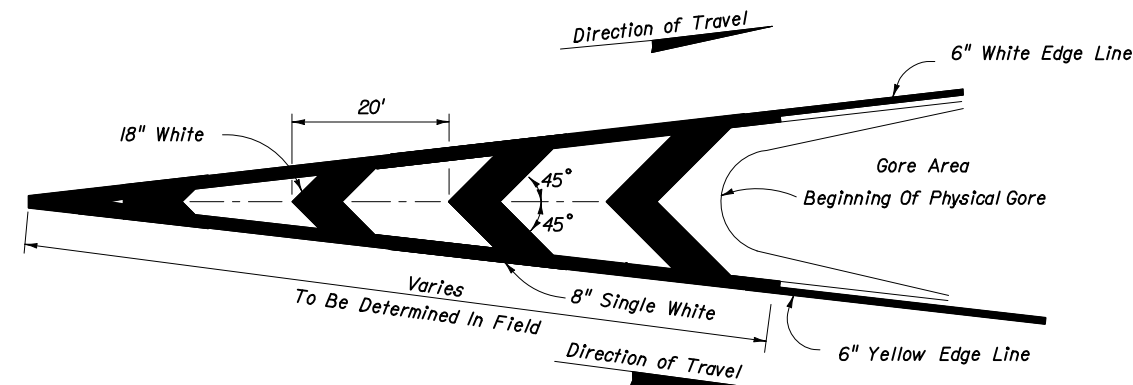
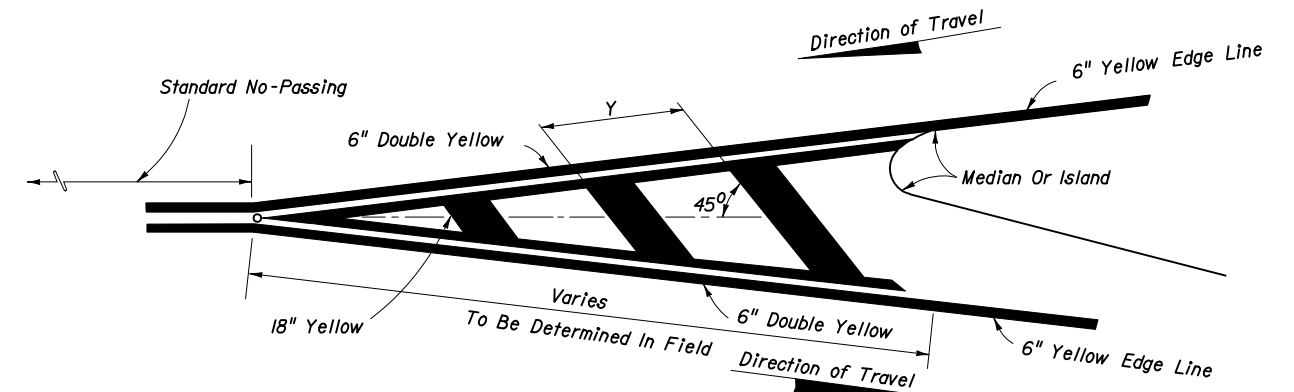


FIGURE 2
NOSE WIDTHS 30' AND GREATER



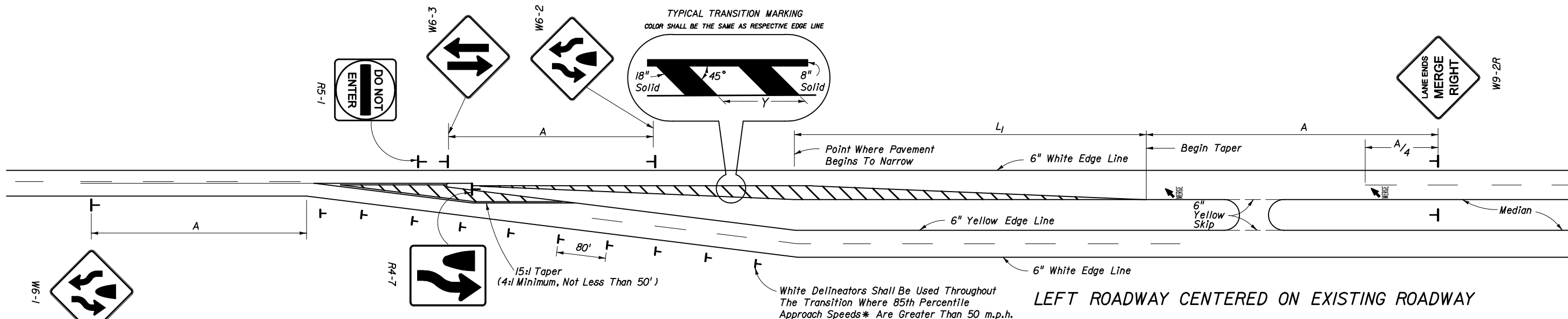
PAVEMENT MARKINGS FOR TRAFFIC CHANNELIZATION AT GORE
(TRAFFIC FLOWS IN SAME DIRECTION)



PAVEMENT MARKING FOR TRAFFIC SEPARATION
(TRAFFIC FLOWS IN OPPOSING DIRECTIONS)

POSTED (DAY) SPEED LIMIT M.P.H.	"Y" ft
30 OR LESS	10
35	20
40	20
45	30
50 OR MORE	40

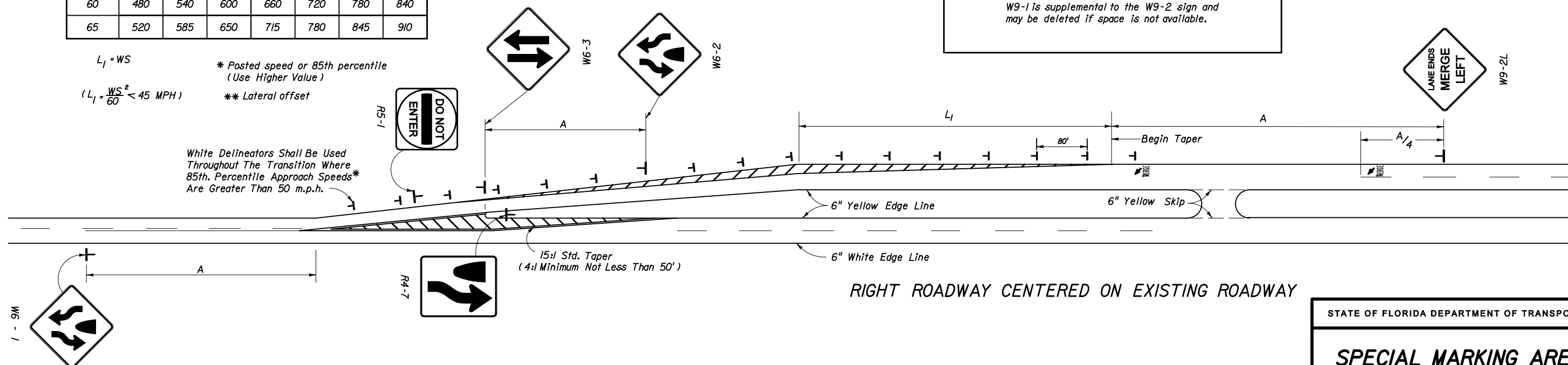
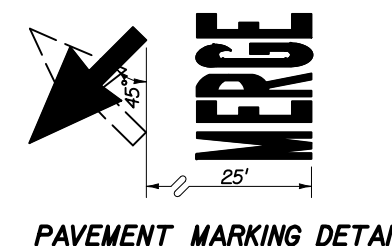
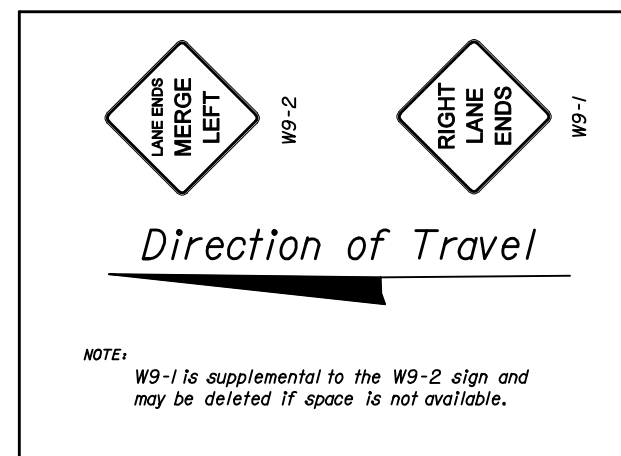
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				
SPECIAL MARKING AREAS				
Designed By	Names	Dates	Approved By	
Drawn By		8-78	State Traffic Standards Engineer	
Checked By		8-78	Revision	Sheet No.
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				17346



* S ** W	TRANSITION DISTANCE L_1 (FEET)						
MPH	8	9	10	11	12	13	14
30	120	135	150	165	180	195	210
35	165	185	205	225	245	265	285
40	215	240	270	295	320	350	375
45	360	405	450	495	540	585	630
50	400	450	500	550	600	650	700
55	440	495	550	605	660	715	770
60	480	540	600	660	720	780	840
65	520	585	650	715	780	845	910

SPEED M.P.H.	"A" (FT.)
55	700
50	625
45	550
40	475
30	325

POSTED (DAY) SPEED LIMIT M.P.H.	"Y" (FT.)
30 OR LESS	10
35	20
40	20
45	30
50 OR MORE	40

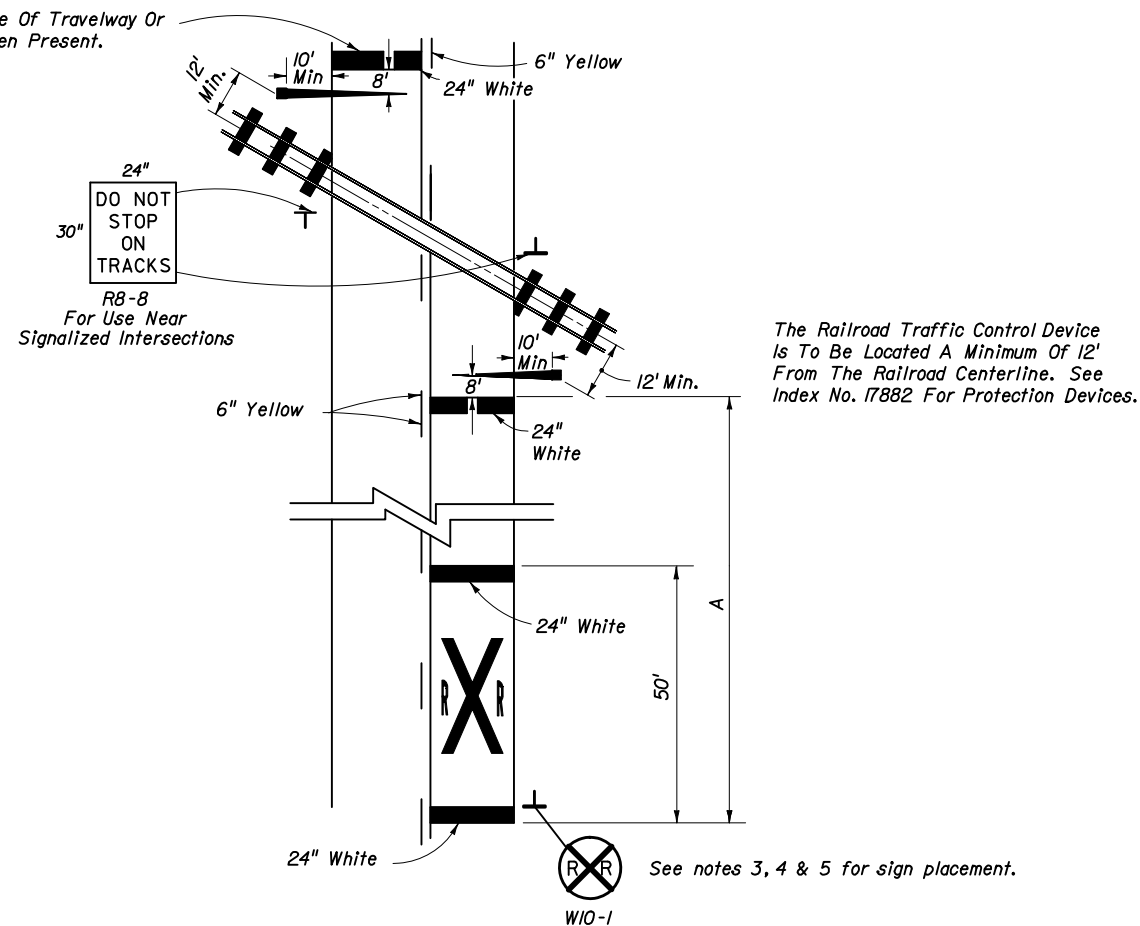
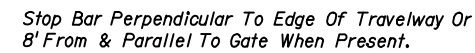


SCHEMES FOR TRANSITION - 2 LANE / 4 LANE ROADWAY

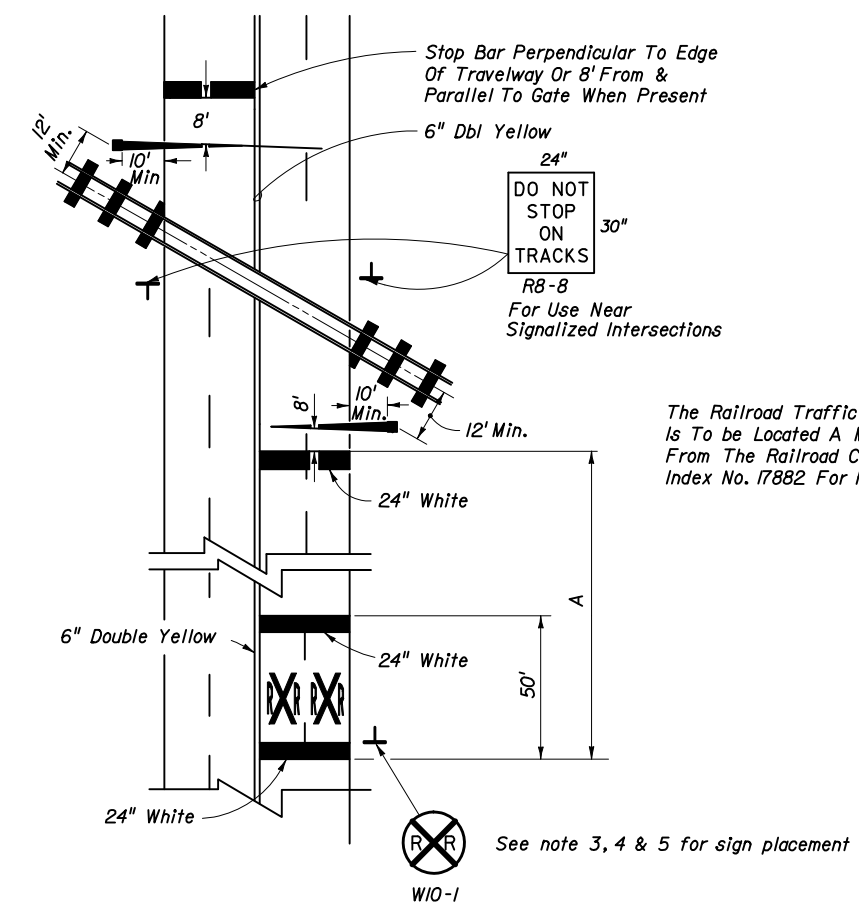
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SPECIAL MARKING AREAS

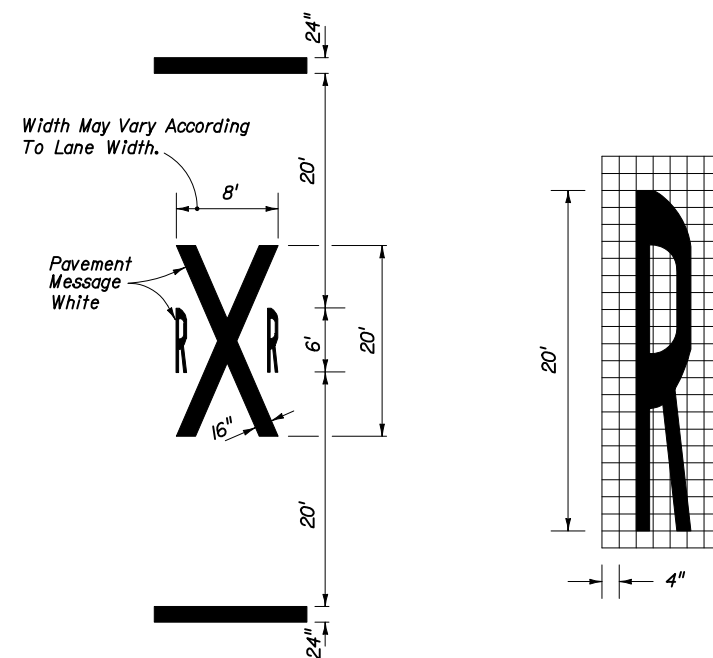
Names	Dates	Approved By		
Designed By	8-78	Charles A. Scott		
Drawn By		State Traffic Standards Engineer		
Checked By	8-78	Revision	Sheet No.	Index No.
		04	5 of 13	17346



RAILROAD CROSSING AT 2-LANE ROADWAY



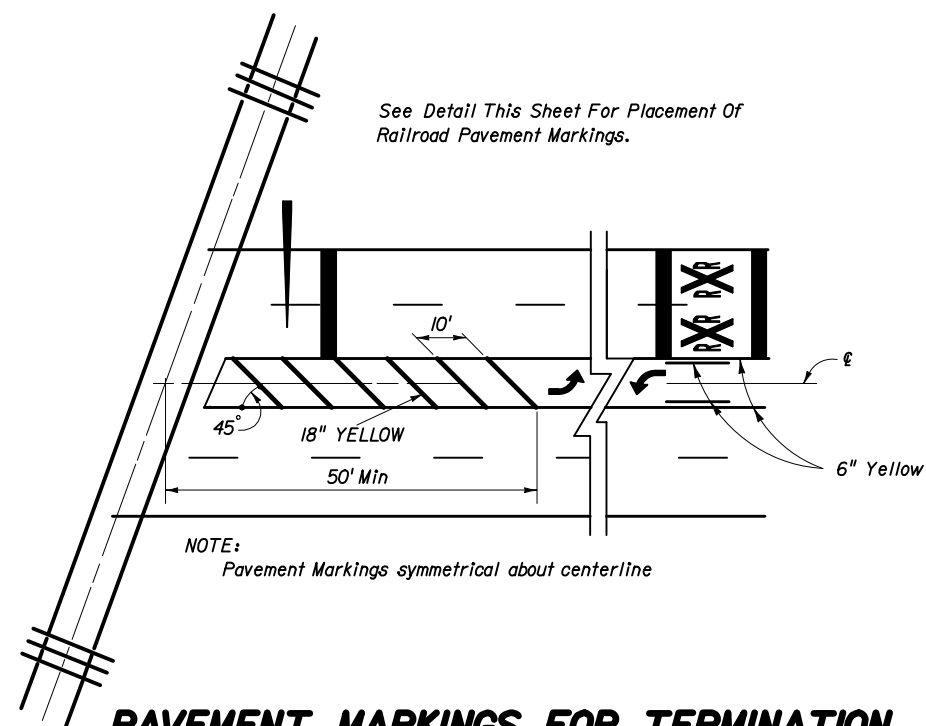
RAILROAD CROSSING AT 4-LANE ROADWAY



89 s.f.*

* Does not include 24" bars.

TYPICAL PAVEMENT MARKINGS FOR R/R CROSSING



NOTE:
Pavement Markings symmetrical about centerline

PAVEMENT MARKINGS FOR TERMINATION OF TWO WAY LEFT TURN AT R/R CROSSINGS

NOTES:

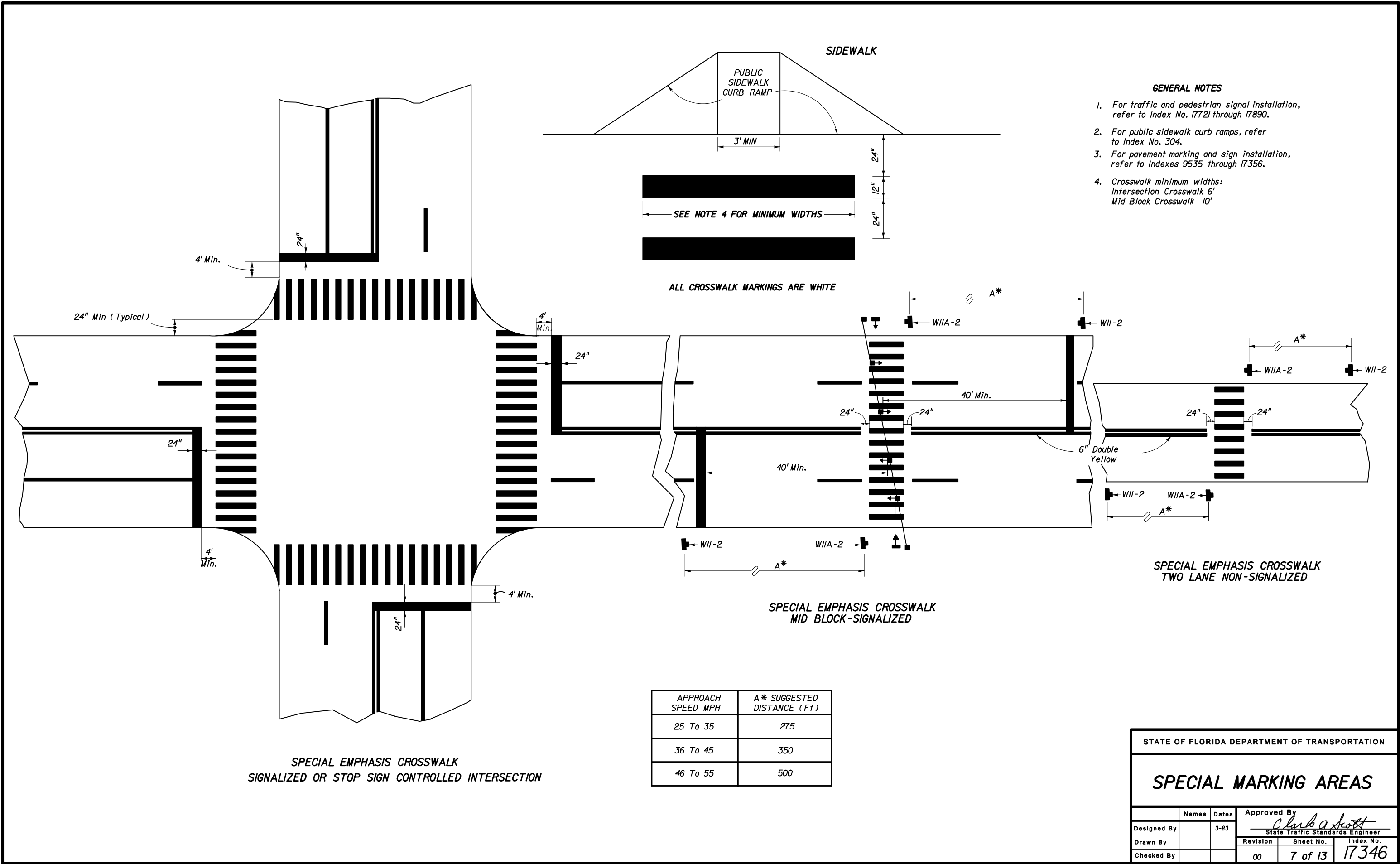
1. When computing pavement messages, quantities do not include transverse lines.
2. When dynamic devices are not present or are to be installed, the crossbuck shall be located at the future location of the RR gate or signal and gate in accordance with Index No. 17882.
3. Placement of sign W10-1 in a residential or business district, where low speeds are prevalent, the W10-1 sign may be placed a minimum distance of 100' from the crossing. Where street intersections occur between the RR pavement message and the tracks an additional W10-1 sign & additional pavement message should be used.
4. Recommended location for FTP-61-04 or FTP-62-04 sign, 100' urban & 300' rural in advanced of the crossing.
5. A portion of the pavement marking symbol should be directly opposite the W10-1 sign.

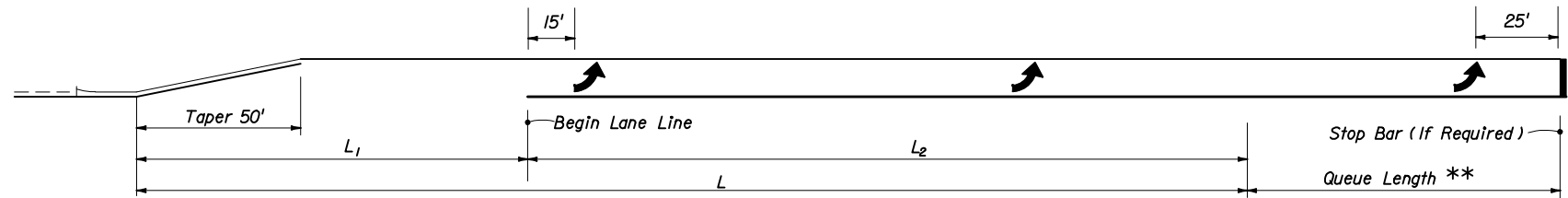
SPEED MPH	A (Ft)
65	650
60	550
55	450
50	375
45	300
40	225
35	150
30	100
Urban	50 Min.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SPECIAL MARKING AREAS

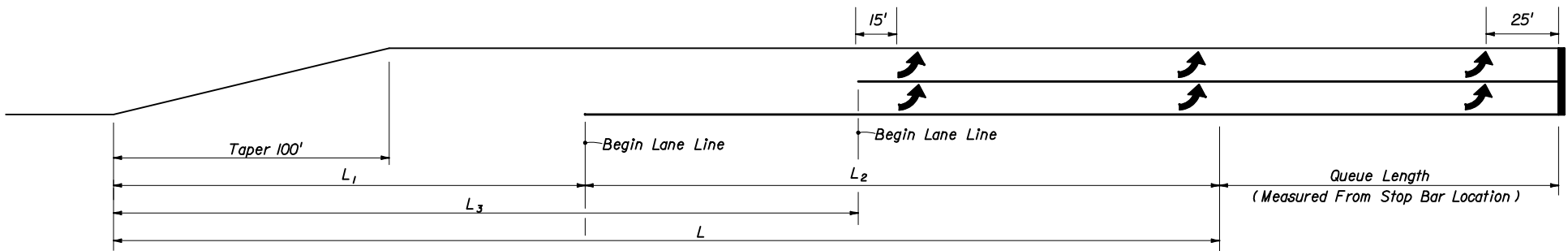
	Names	Dates	Approved By <i>Clark A. Scott</i>		
Designed By		6-76	State Traffic Standards Engineer		
Drawn By			Revision	Sheet No.	Index No.
Checked By		6-76	04	6 of 13	17346



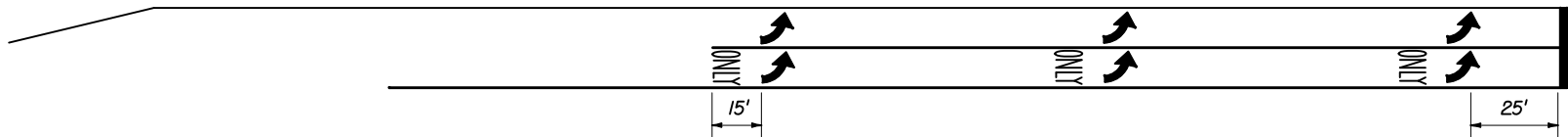


SINGLE LEFT TURNS

** Queue Length Is Measured From The Median Nose Radial Point Or, When A Stop Bar Is Required, From The Stop Bar.

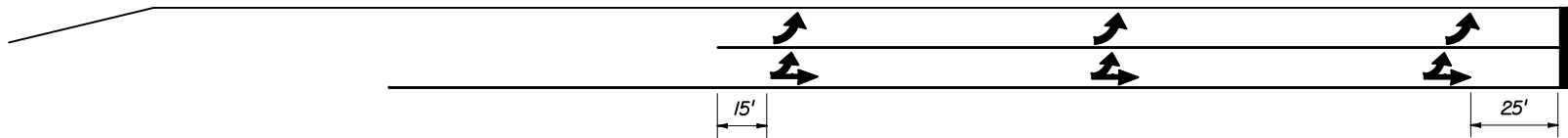


DOUBLE LEFT TURNS



Pavement message ONLY is not required for created (shadowed) turn lanes, single or dual, where the driver must exit the thru lane to enter a turn lane.

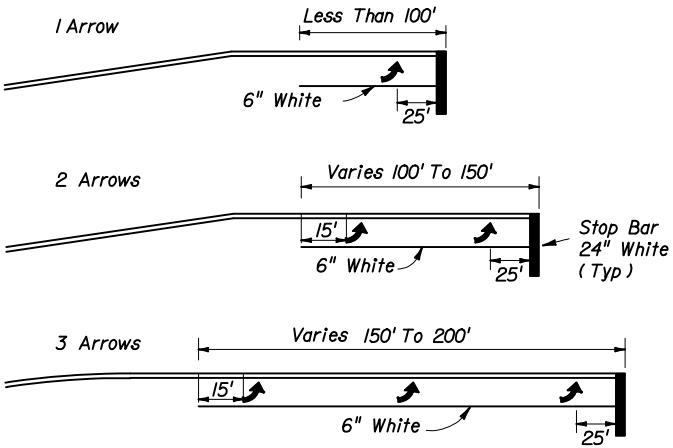
Through Lane Becomes Exclusive Left Turn



Through Lane Becomes Optional Left Turn

DOUBLE LEFT TURN MARKINGS

TURN LANES ◦ CURBED AND UNCURBED MEDIANS							
Design Speed (mph)	Clearance Distance L ₁	URBAN CONDITIONS			RURAL CONDITIONS		
		Brake To Stop Distance L ₂	Total Decel. Distance L	Clearance Distance L ₃	Brake To Stop Distance L ₂	Total Decel. Distance L	Clearance Distance L ₃
35	70'	75'	145'	110'	— —	— —	— —
40	80'	75'	155'	120'	— —	— —	— —
45	85'	100'	185'	135'	— —	— —	— —
50	105'	135'	240'	160'	215'	320'	160'
55	125'	— —	— —	— —	260'	385'	195'
60	145'	— —	— —	— —	310'	455'	230'
65	170'	— —	— —	— —	350'	520'	270'



Arrow should be evenly spaced between first and last arrow. Turn lanes longer than 200' add one arrow for each 100' additional length.

ARROW SPACING

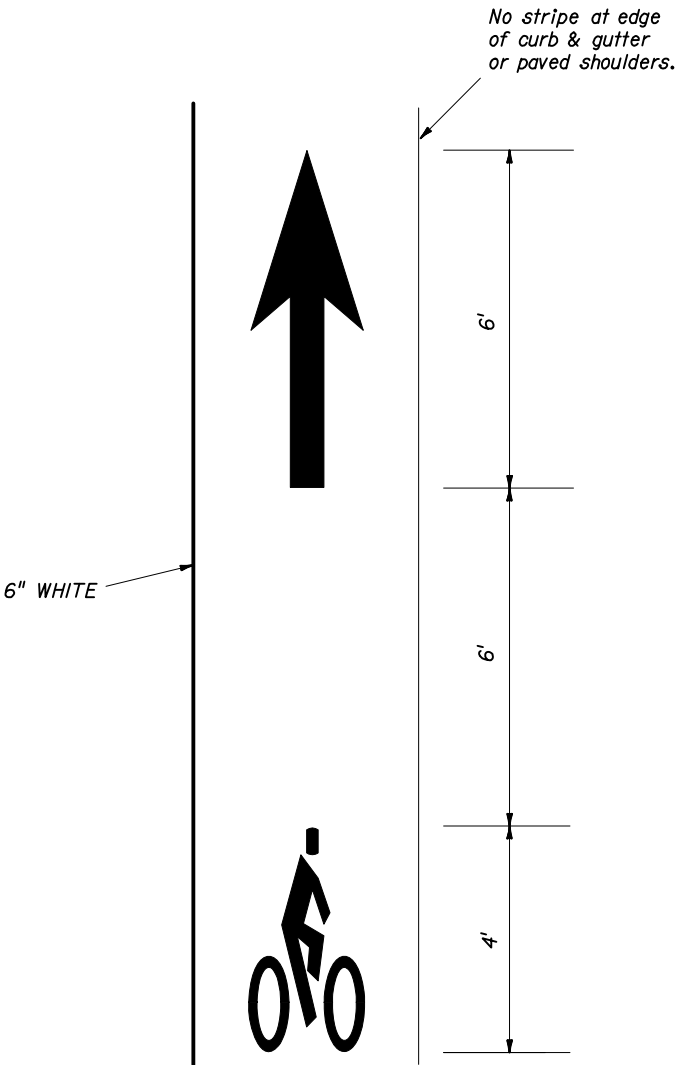
NOTES:

- The "Begin Lane Line" locations are based on the standard lengths shown in Design Standard 301. These locations must be adjusted on a case by case basis for turn lanes not meeting the standard lengths.
- Yellow left turn edge marking may be used adjacent to raised curb or grass medians if lane use is not readily apparent to drivers approaching a left turn storage lane.

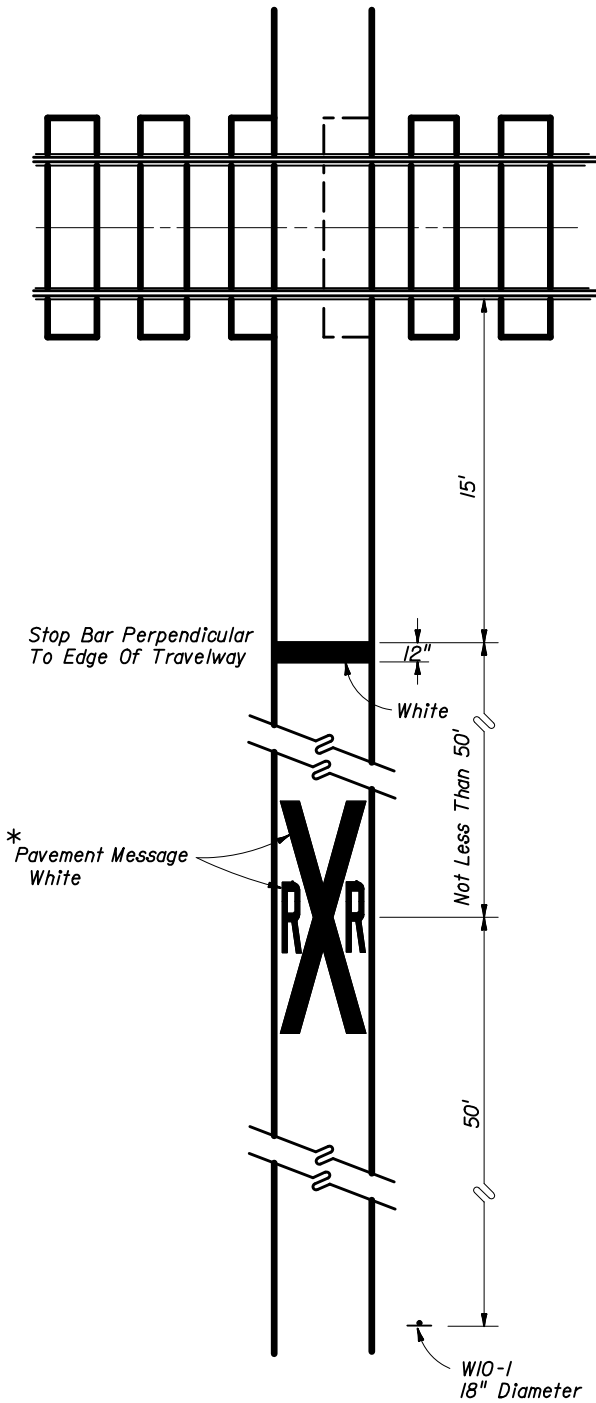
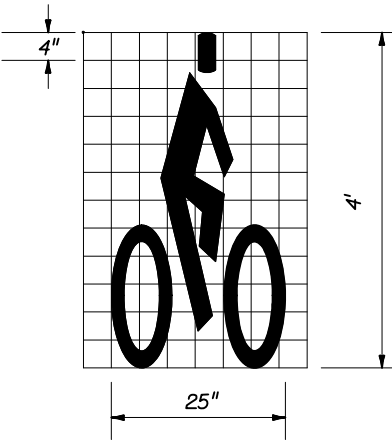
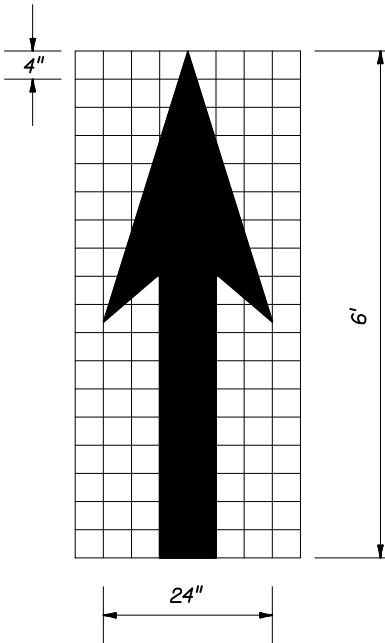
Refer to Design Standard 301 for Roadway Details.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION					
SPECIAL MARKING AREAS					
Names	Dates	Approved By			
Designed By	CAS	3-02	State Traffic Standards Engineer		
Drawn By	CAS	3-02	Revision	Sheet No.	Index No.
Checked By			02	8 of 13	17346

1. Recommended spacing of symbols: Immediately after intersections and major driveways and at a maximum spacing of 600 feet for urban sections and 1320 feet for rural sections.
2. Raised pavement markings and raised barriers can cause steering difficulties and should not be used to delineate bicycle lanes. All pavement markings and pavement messages shall be white.

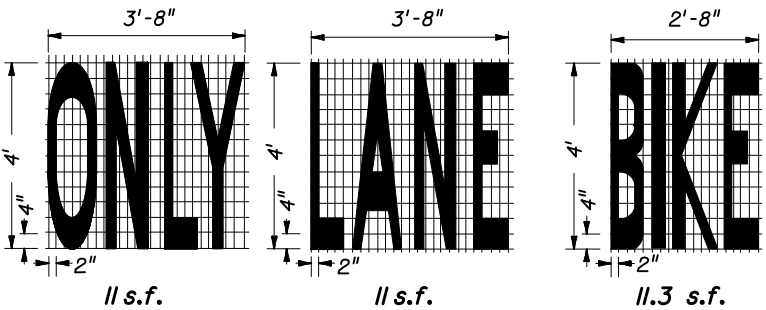
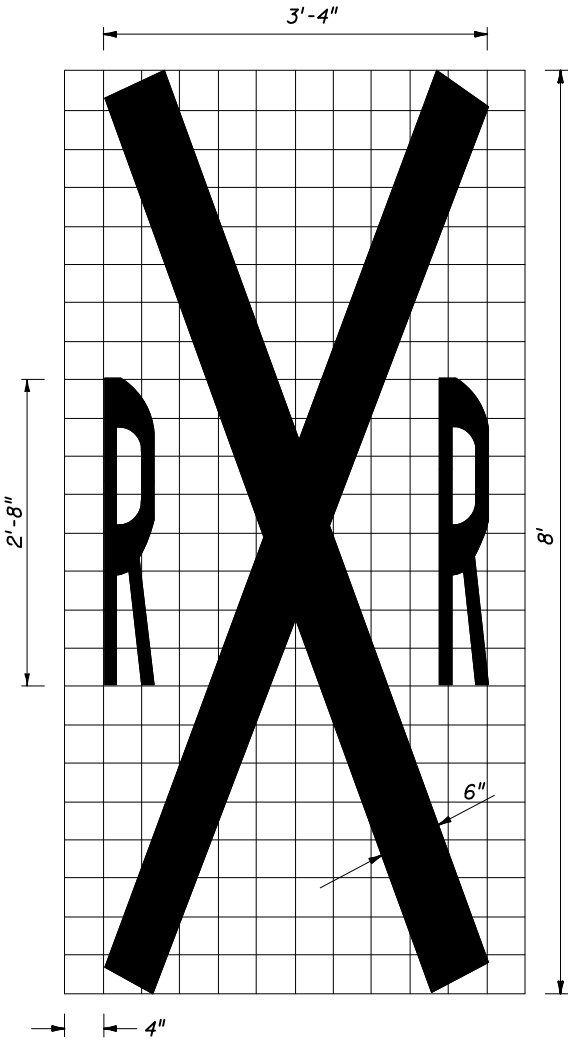


DETAIL OF BIKE LANE MARKINGS



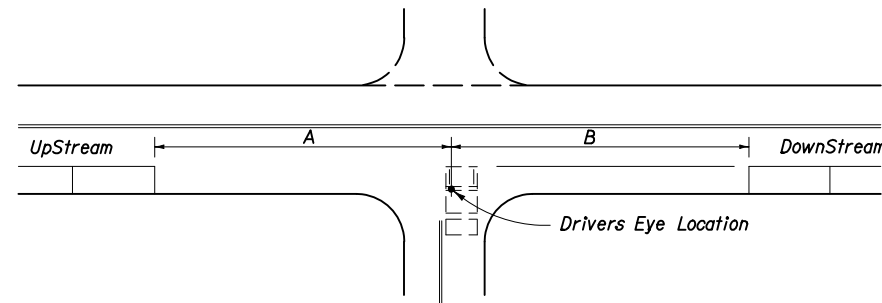
* NOTE

3. When used on a bike lane (adjacent to vehicle lane) markings shall be placed adjacent to markings for vehicles & W10-1 sign shall be sized and placed for vehicles.



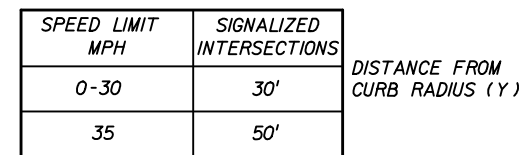
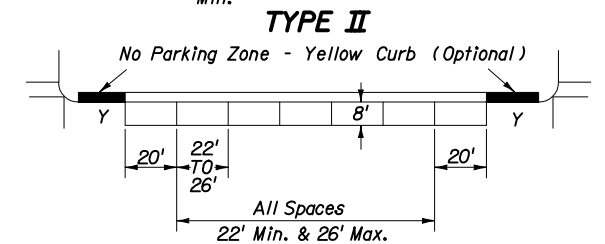
PAVEMENT MESSAGE DETAILS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION					
SPECIAL MARKING AREAS (BICYCLE)					
Designed By	Names	Dates	Approved By		
			State Traffic Standards Engineer		
Drawn By			Revision	Sheet No.	Index No.
Checked By			02	9 of 13	17346



GENERAL NOTES (Signalized & Non-signalized)

1. For entrances to a one-way street, the downstream restriction may be reduced to 20'.
2. Parking shall not be allowed within 20' of a crosswalk.
3. All parking lane markings shall be 6" white.
4. Parking lane lines shall be broken at driveways.
5. Refer to Chapter 316, Fla. statutes, for laws governing parking spaces.
6. Where curb and gutter is used, the gutter pan width may be included as part of the minimum width of parking lane, but desirably the lane width should be in addition to that of the gutter pan.



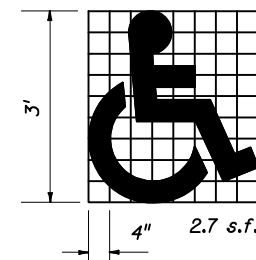
NOTES:

1. *Parking restrictions measured from curb radius point.*
2. *Restrictions for accessible parking are the same as those applied to non-signalized intersections.*

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

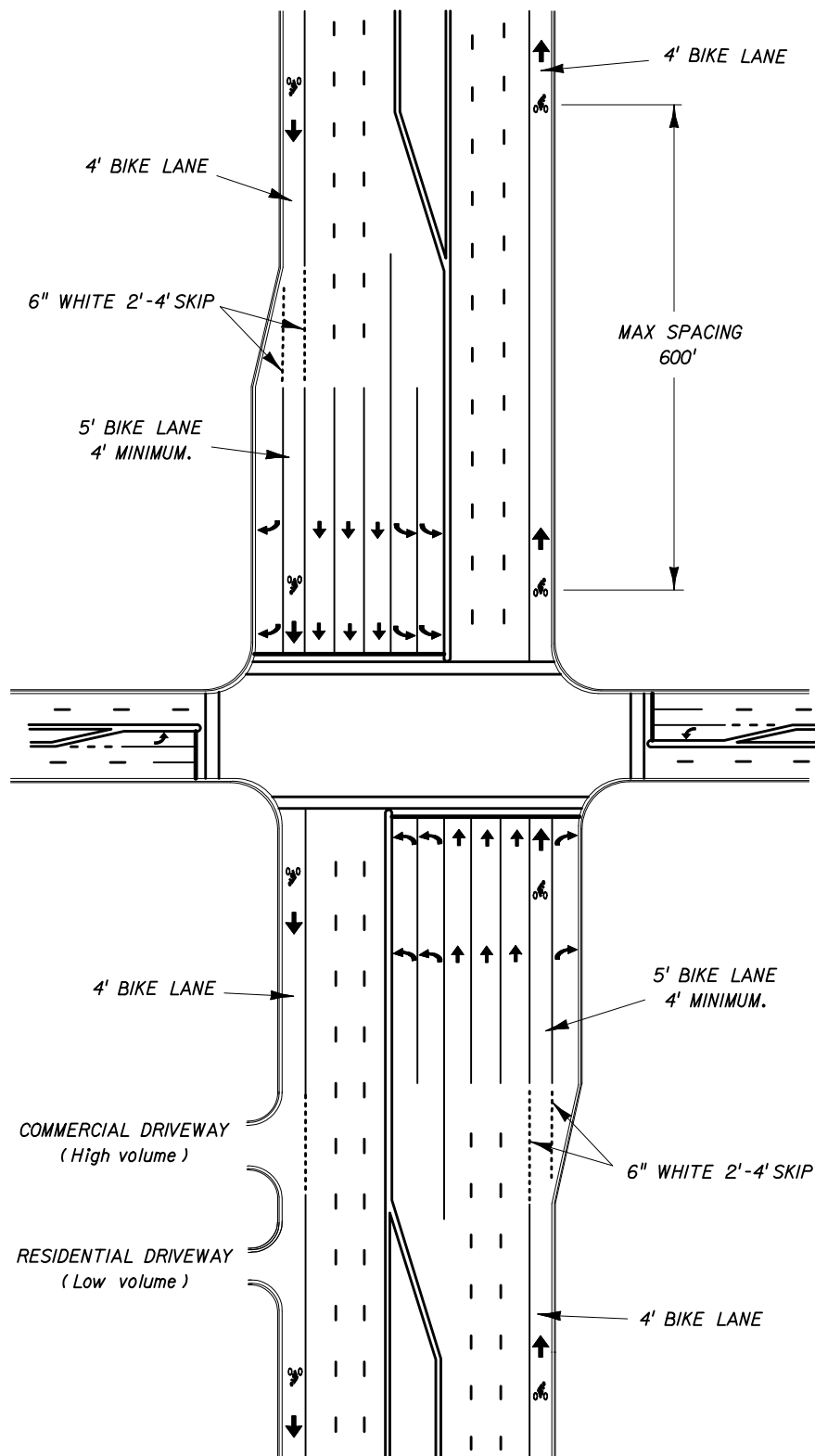
	Names	Dates	Approved By <i>Charles A. Smith</i>		
Designed By		8-86	State Traffic Standards Engineer		
Drawn By			Revision	Sheet No.	Index No.
Checked By		8-86	04	10 of 13	17346

MINIMUM PARKING RESTRICTION FOR NON-SIGNALIZED INTERSECTIONS

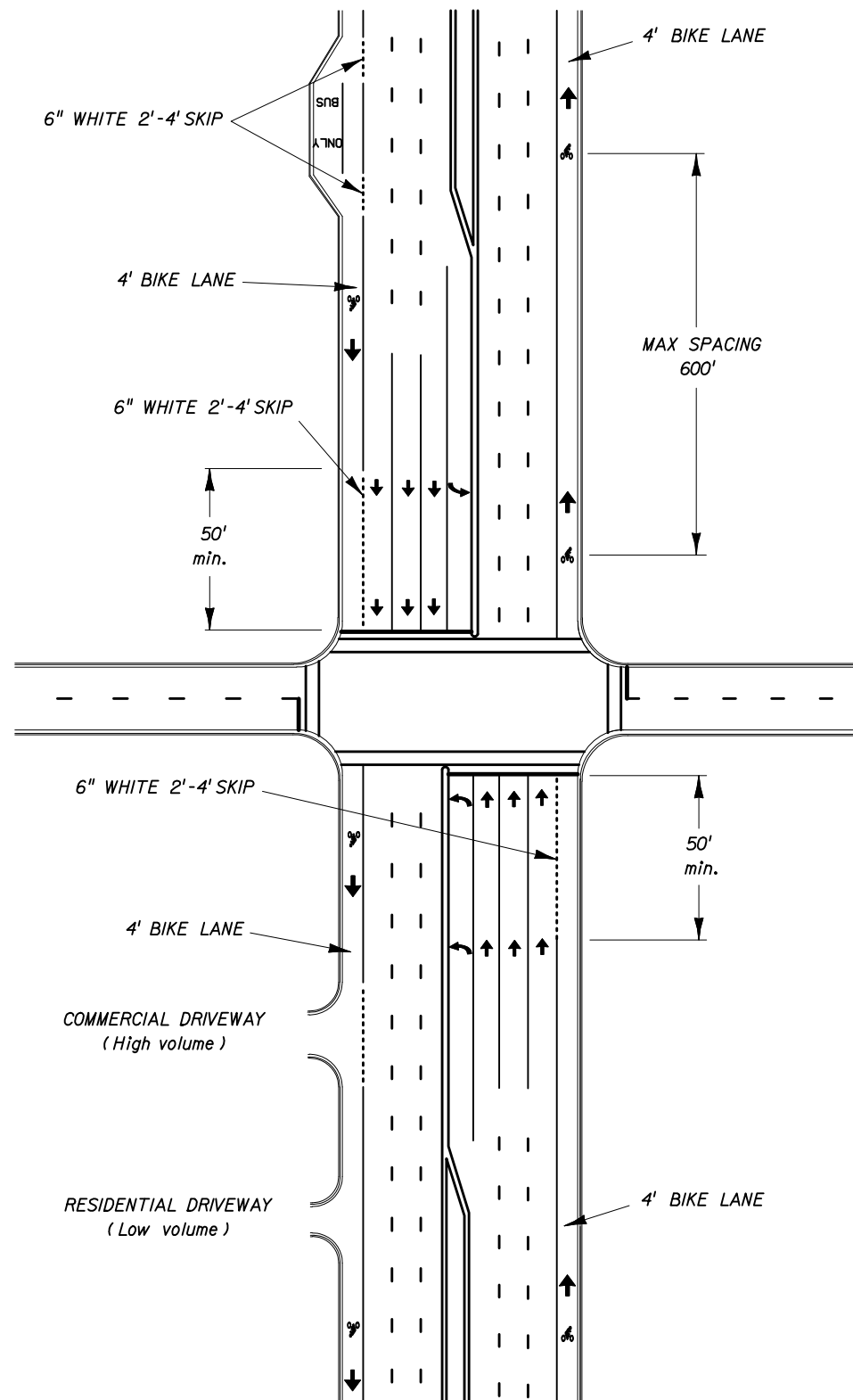


**"UNIVERSAL SYMBOL
OF ACCESSIBILITY"**

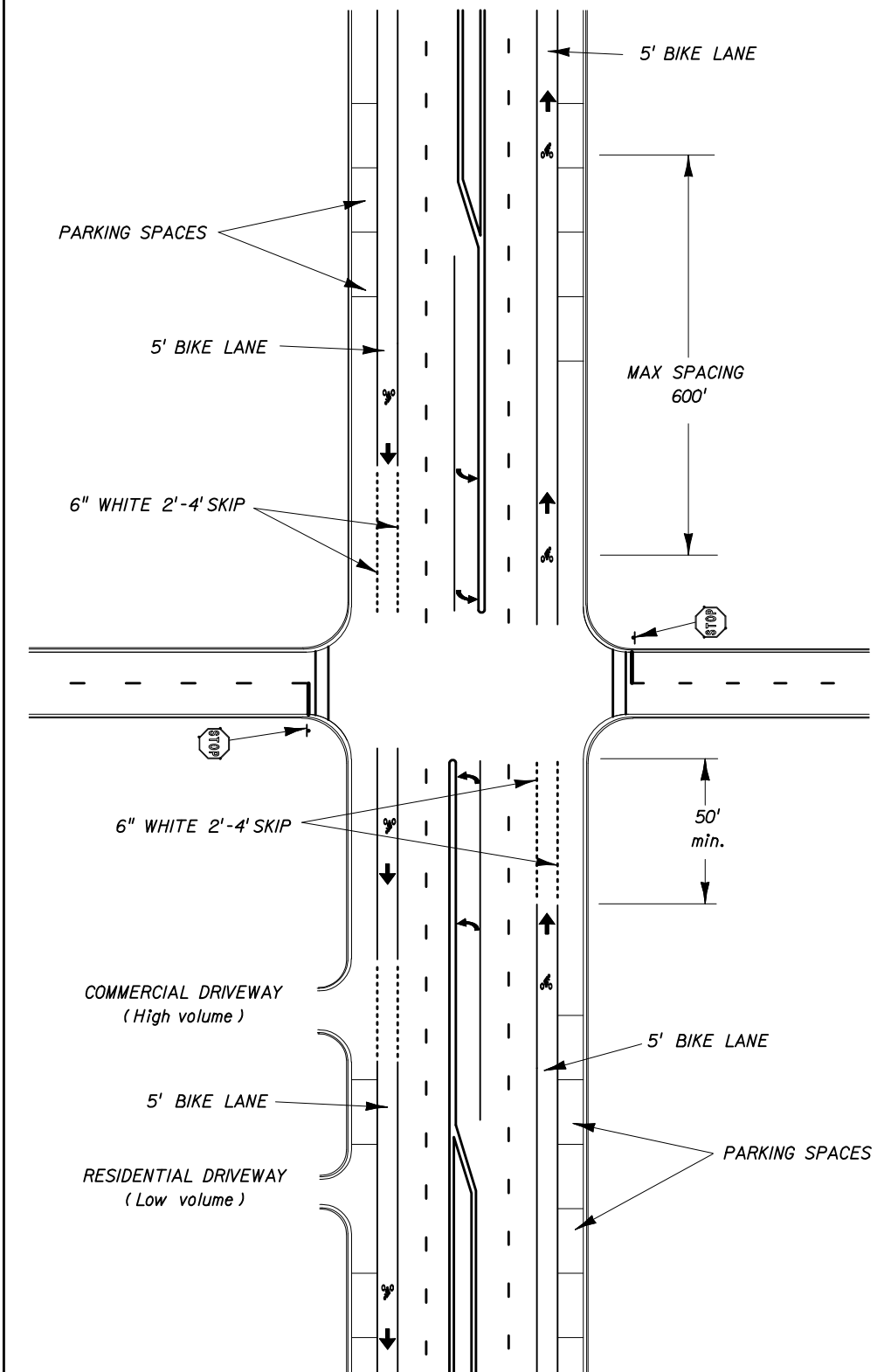
PAVEMENT MARKING FOR PUBLIC SIDEWALK CURB RAMPS IN REST AREAS



MAJOR INTERSECTION WITH SEPARATE RIGHT
TURN LANE URBAN TYPICAL SECTION (CURB
AND GUTTER)

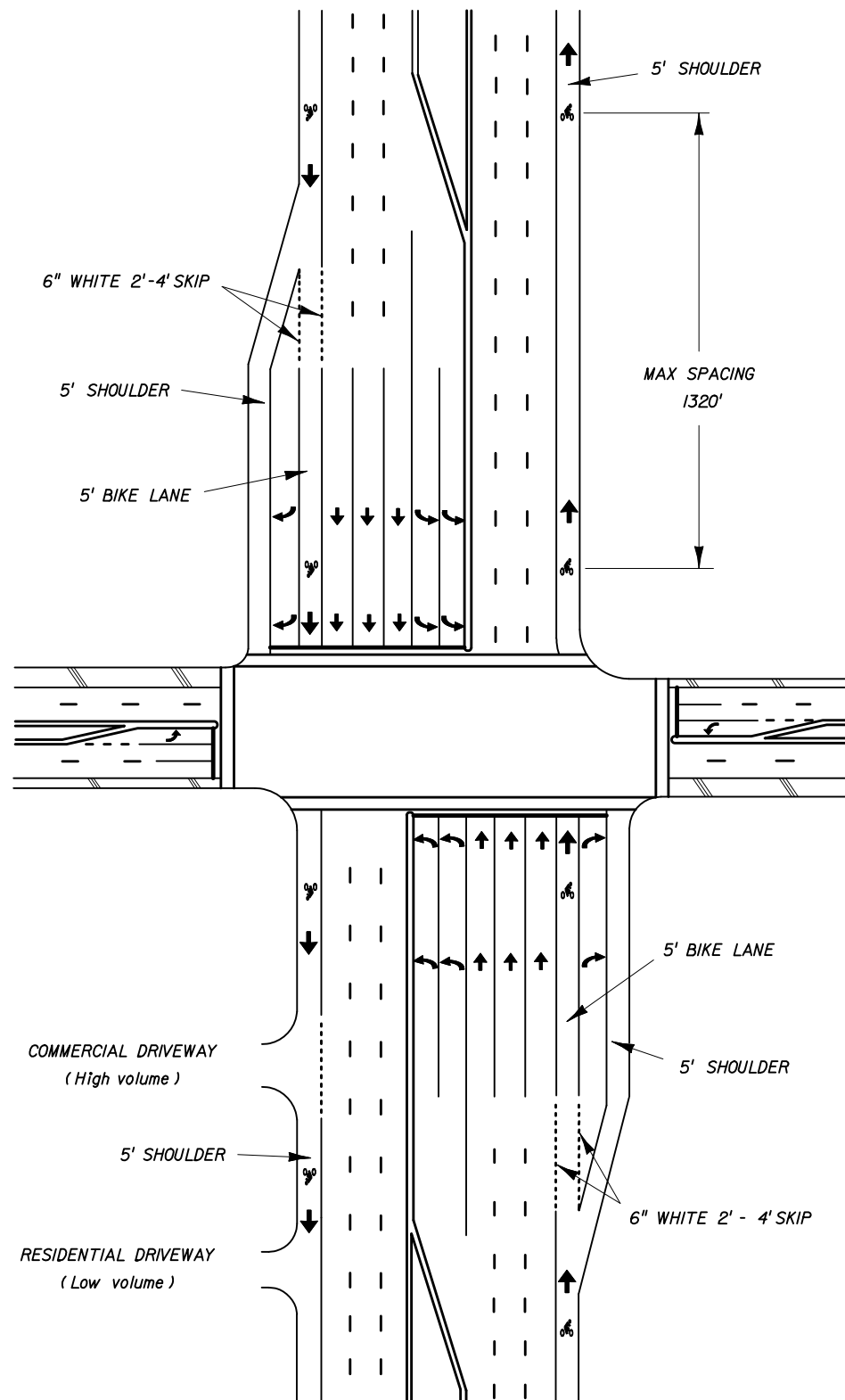


MAJOR INTERSECTION, NO RIGHT TURN
LANE PLUS BUSBAY URBAN TYPICAL
SECTION (CURB AND GUTTER)

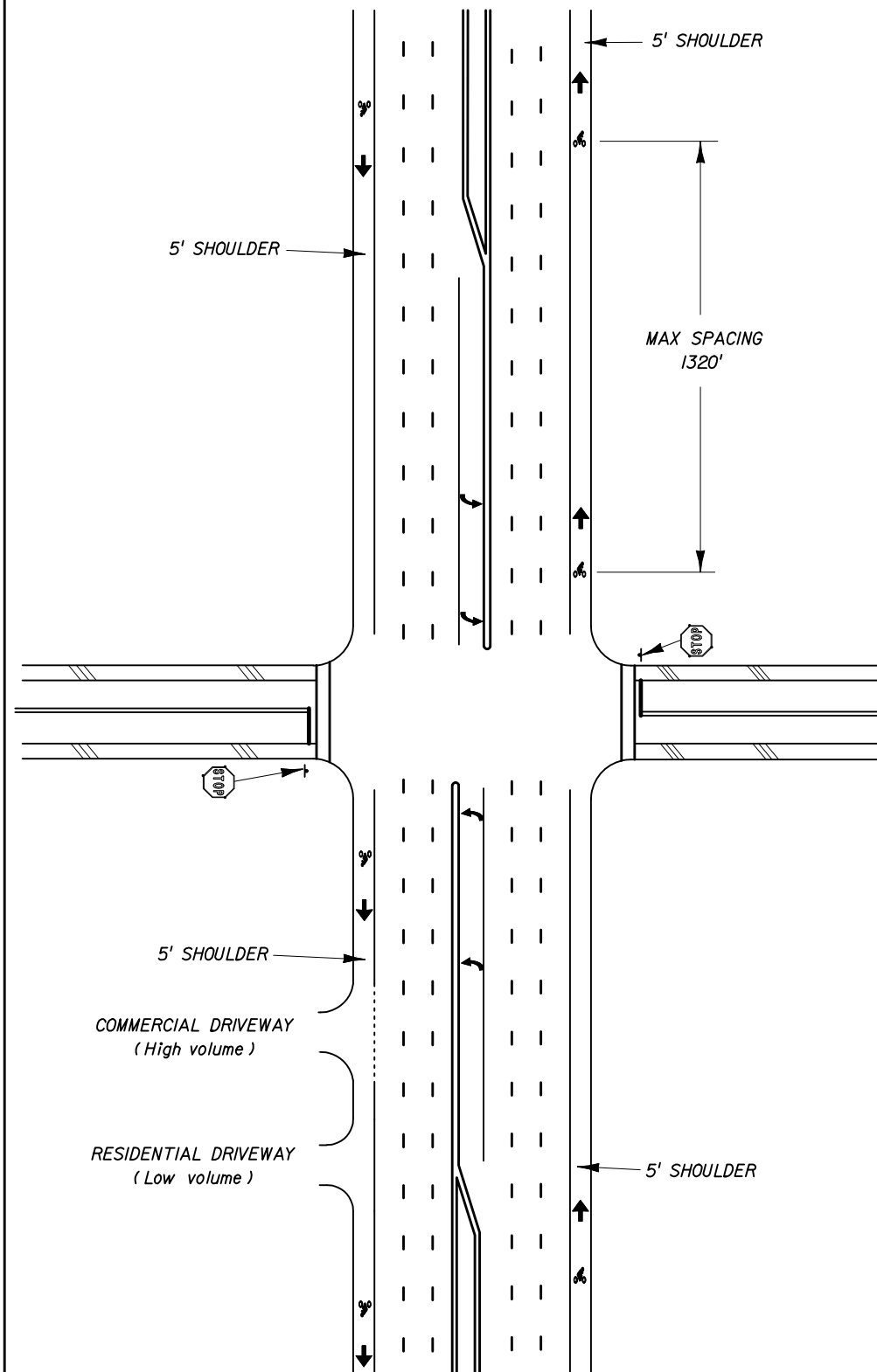


MAJOR WITH LOCAL STREET
INTERSECTION, NO RIGHT
TURN LANE, ON STREET
PARKING URBAN TYPICAL
SECTION (CURB AND GUTTER)

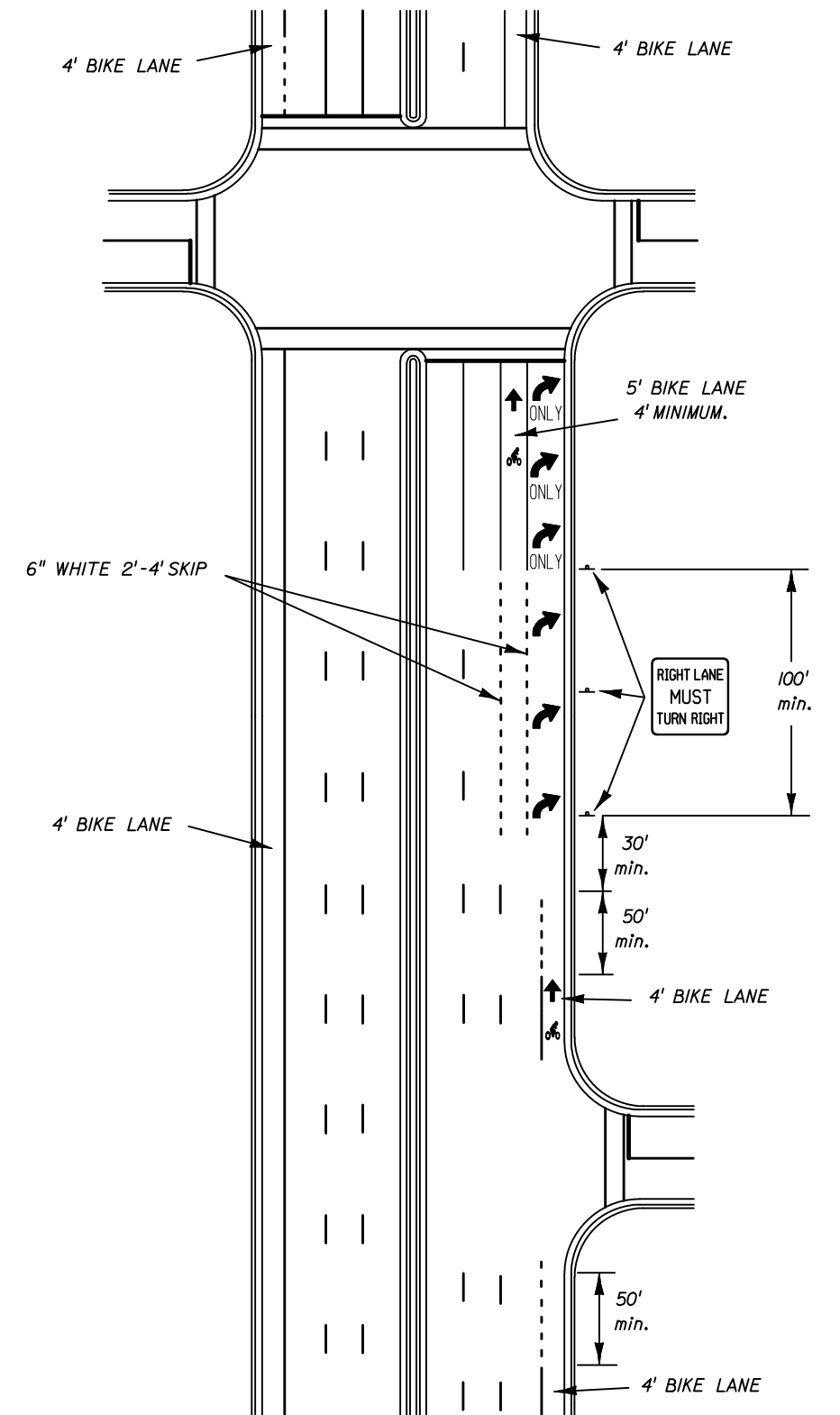
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				
SPECIAL MARKING AREAS (BICYCLE)				
Designed By	Names	Dates	Approved By	
Drawn By			State Traffic Standards Engineer	
Checked By			Revision	Index No.
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MAJOR INTERSECTION WITH DESIGNATED SHOULDER, AND SEPARATE RIGHT TURN LANE RURAL TYPICAL SECTION (PAVED SHOULDER)



MAJOR WITH LOCAL STREET INTERSECTION, DESIGNATED SHOULDER, AND NO RIGHT TURN LANE RURAL TYPICAL SECTION (PAVED SHOULDER)



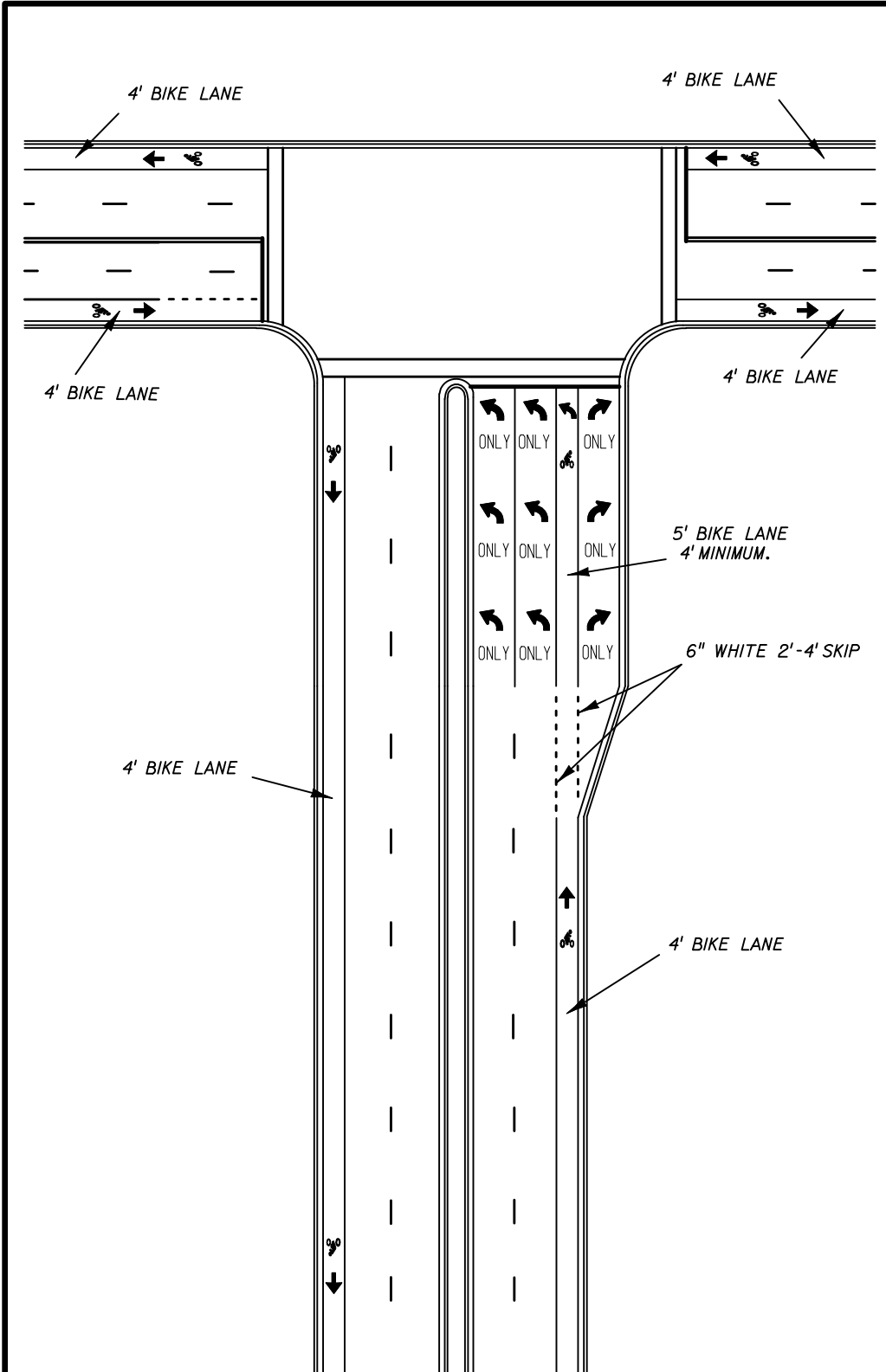
MAJOR INTERSECTION WITH RIGHT TURN DROP LANE AND DESIGNATED OR UNDESIGNATED BIKE LANE URBAN TYPICAL SECTION (CURB AND GUTTER)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

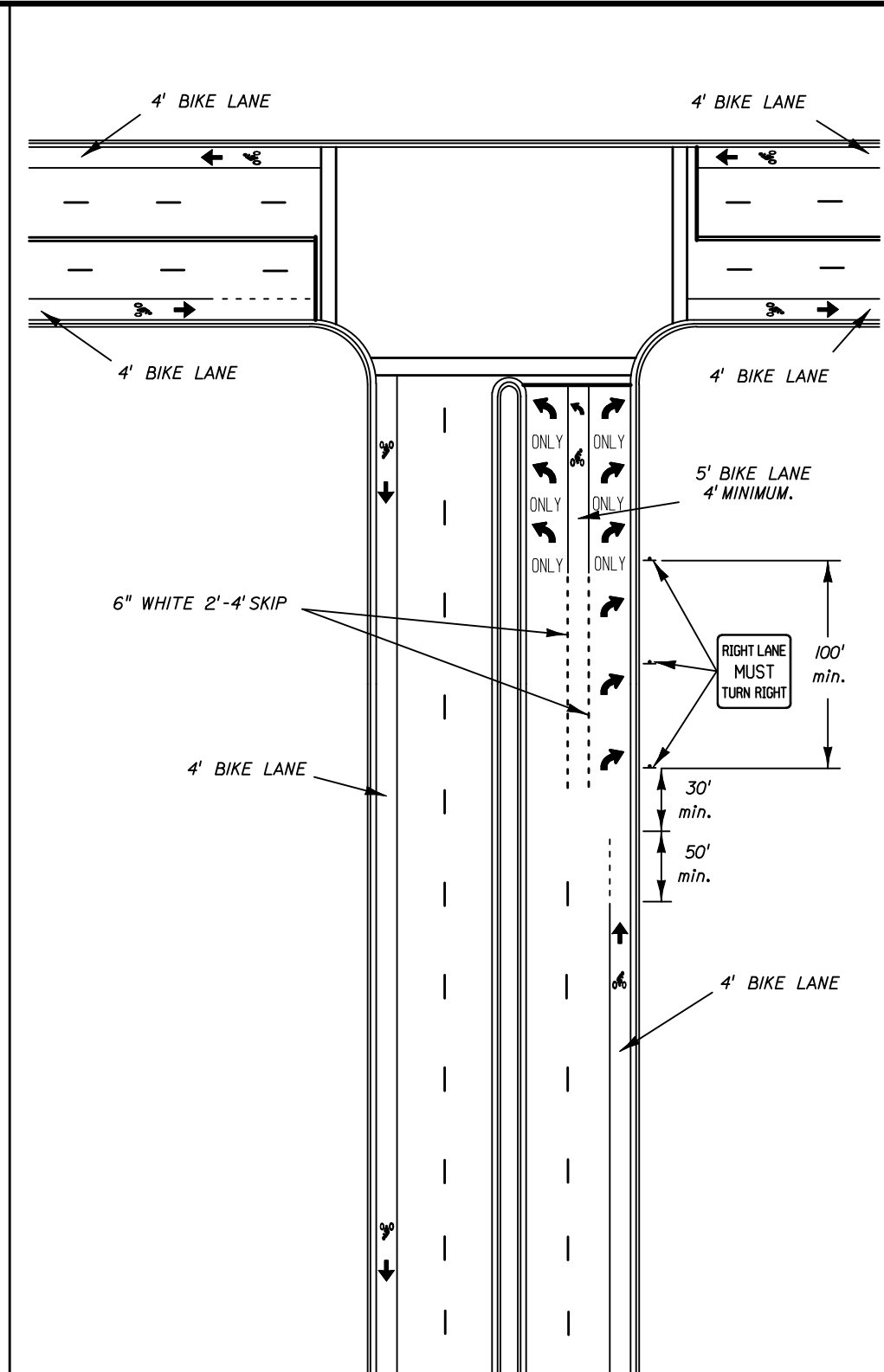
SPECIAL MARKING AREAS (BICYCLE)

Names	Dates	Approved By
Designed By		State Traffic Standards Engineer
Drawn By		Revision
Checked By		Sheet No.
		Index No.

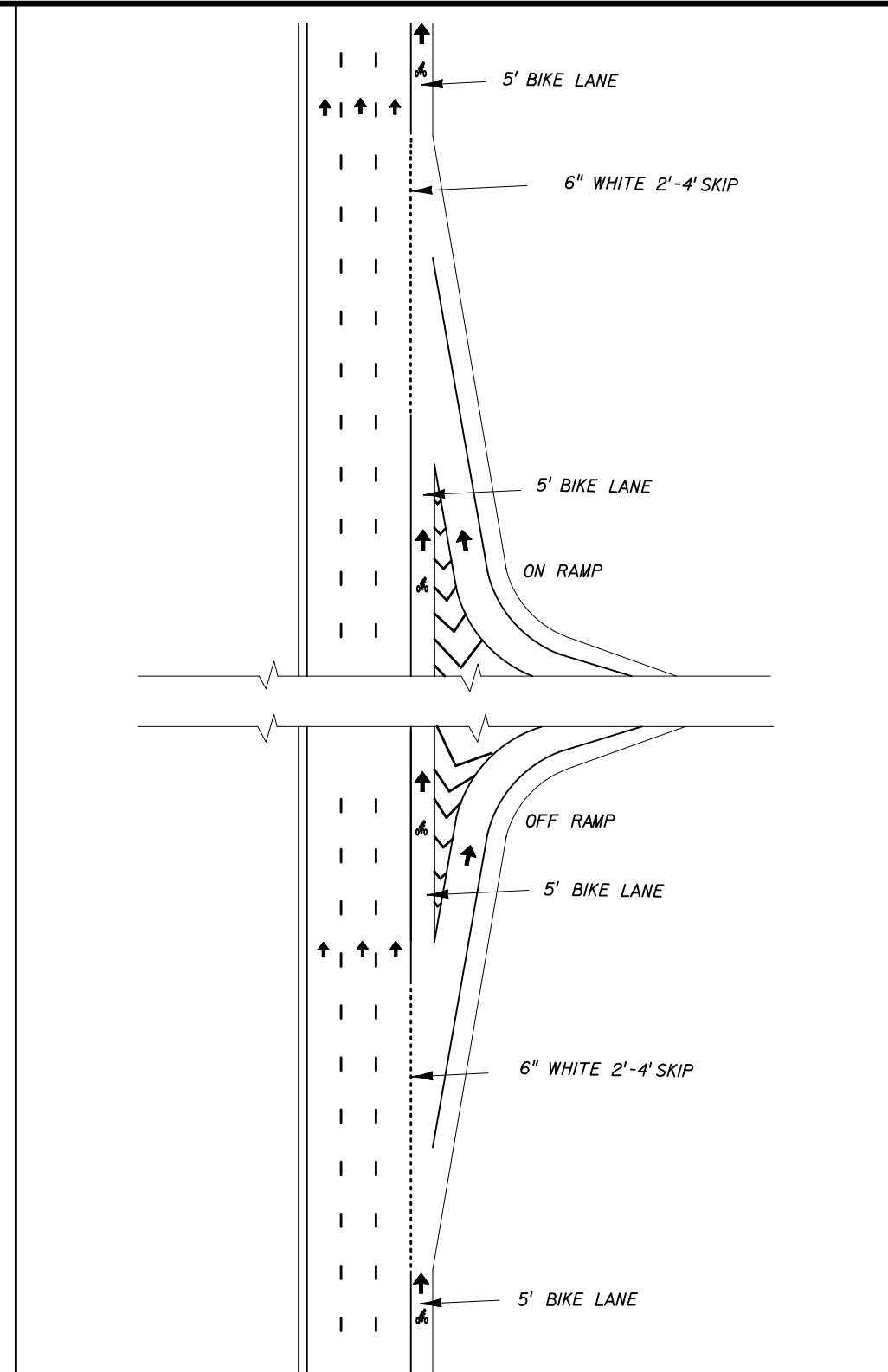
02 12 of 13 17346



"TEE" INTERSECTION WITH SEPARATE RIGHT TURN
LANE URBAN TYPICAL SECTION (CURB & GUTTER)



"TEE" INTERSECTION WITH RIGHT TURN DROP LANE
URBAN TYPICAL SECTION (CURB & GUTTER)



INTERCHANGE RAMP
RURAL TYPICAL SECTION
(PAVED SHOULDER)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION					
SPECIAL MARKING AREAS (BICYCLE)					
Names	Dates	Approved By			
Designed By		State Traffic Standards Engineer			
Drawn By		Revision	Sheet No.	Index No.	
Checked By		02	13 of 13	17346	

APPENDIX B

SIGNAGE REFERENCE TABLE

TRAFFIC CONTROL DEVICES

REGULATORY SIGNAGE CHART



R1-1



R1-2



R1-2aP



R1-7



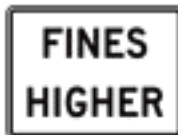
R1-8



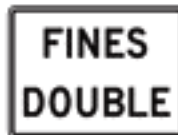
G20-5aP



R2-1



R2-6P



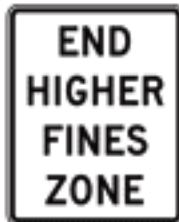
R2-6aP



R2-6bP



R2-10



R2-11



R2-12



R3-1



R3-2



R3-3



R3-4



R3-5



R3-6



R3-7



R3-8



R3-18



R3-27



R4-1



R4-2



R4-7



R4-7c



R4-9



R5-1



R5-1a



R6-1



R6-2



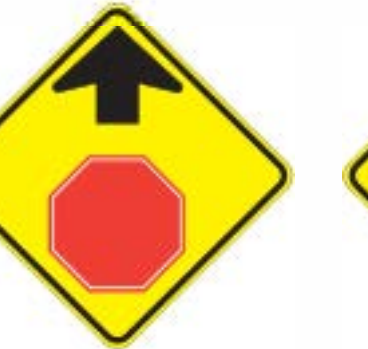
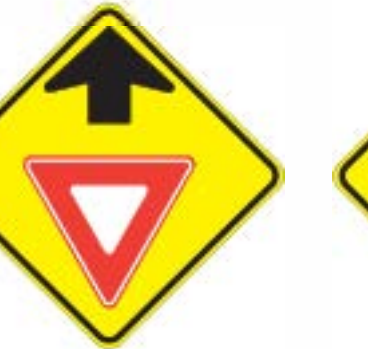
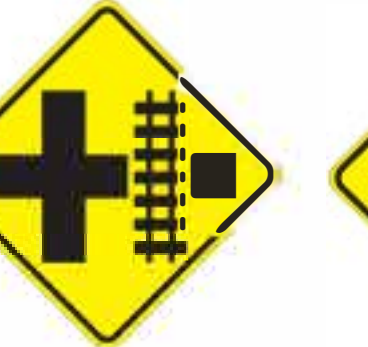
R8-3



R9-8

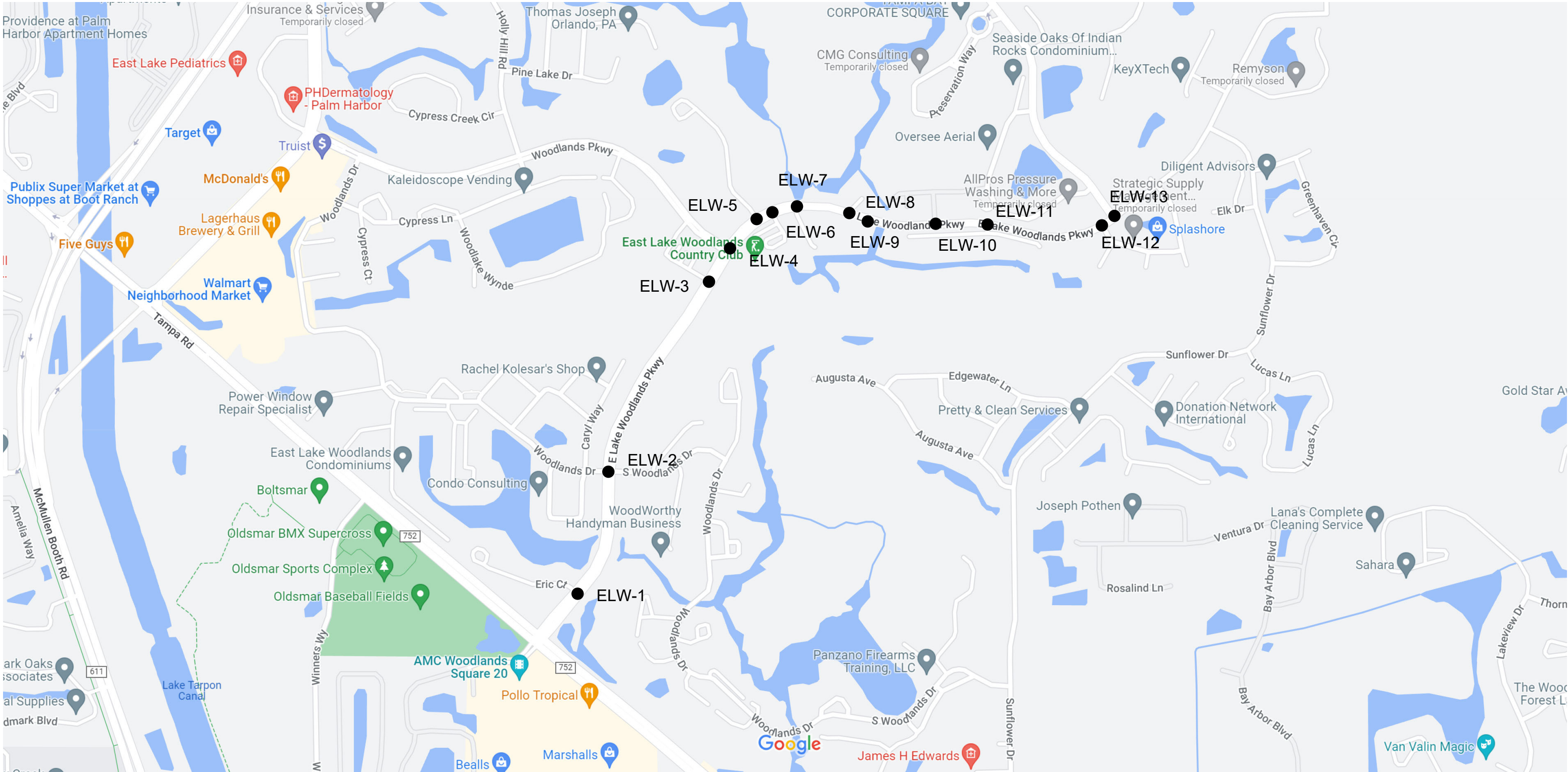
TRAFFIC CONTROL DEVICES

WARNING SIGNAGE CHART

									
W1-1	W1-1a	W1-2	W1-2a	W1-3	W1-4	W1-5	W1-6	W1-7	W1-8
									
W1-10	W1-13	W1-15	W2-1	W2-2	W2-4	W2-5	W3-1	W3-2	W3-3
									
W3-3a	W4-1	W4-2	W4-3	W4-4p	W4-7	W5-1	W5-2	W5-3	W6-1
									
W6-2	W6-3	W7-1b	W7-2b	W7-3	W7-3a	W7-3b	W7-4	W7-4b	W8-1
									
W8-2	W8-3	W8-4	W8-5	W8-8	W9-1	W10-1	W10-1a	W10-2	W10-12
									
W11-1	W11-2	W11-3	W11-4	W11-5	W11-7	W12-1	W12-2	W12-2p	W13-1
									
W13-2	W13-3	W14-1	W14-2	W14-3	W15-1	W16-1	W16-2	W16-2a	W16-7p
									
W16-9p	S1-1	S3-1	S4-3	S4-5	S4-5a				

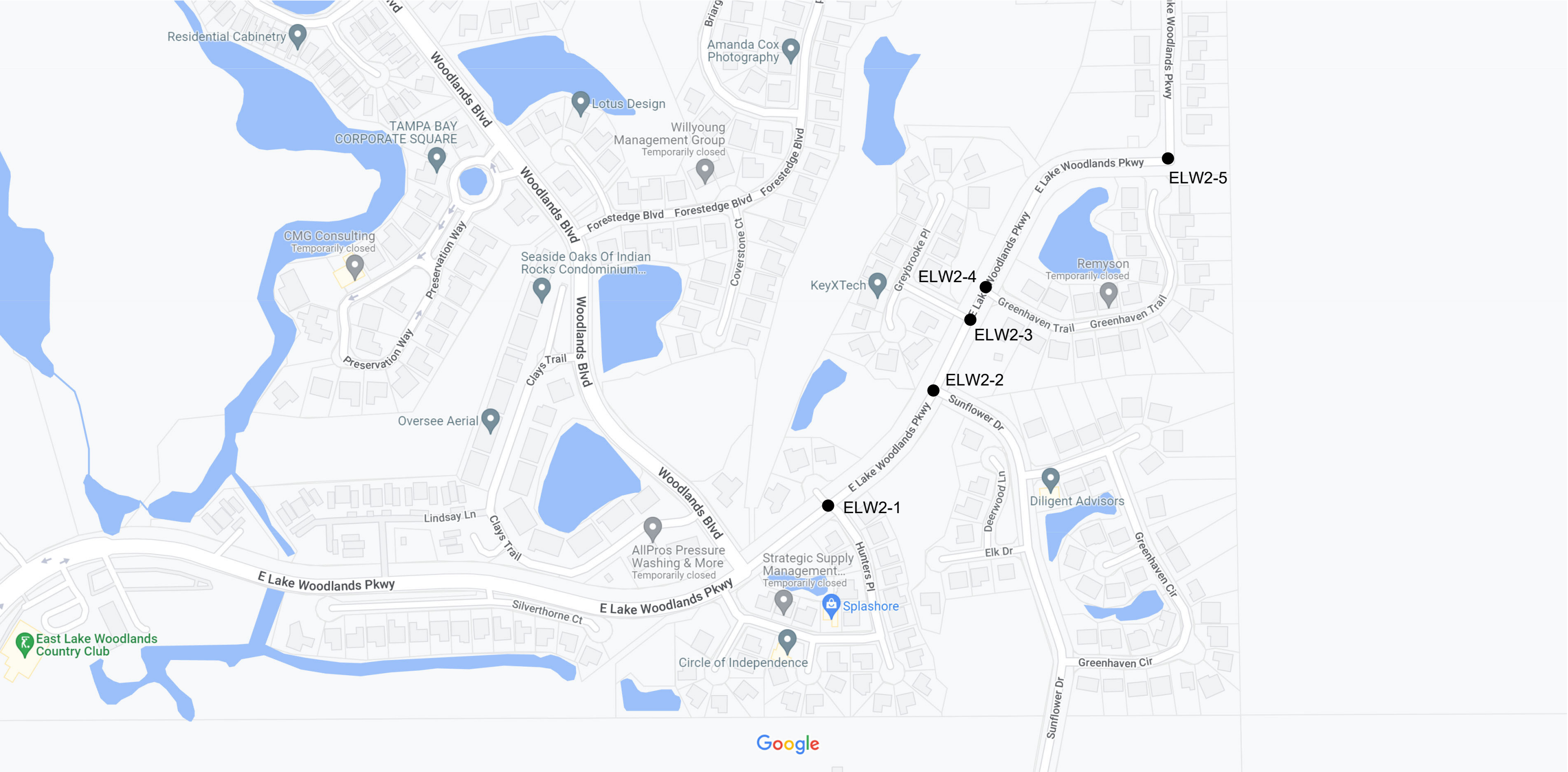
APPENDIX C

ROAD SEGMENT ID MAPS



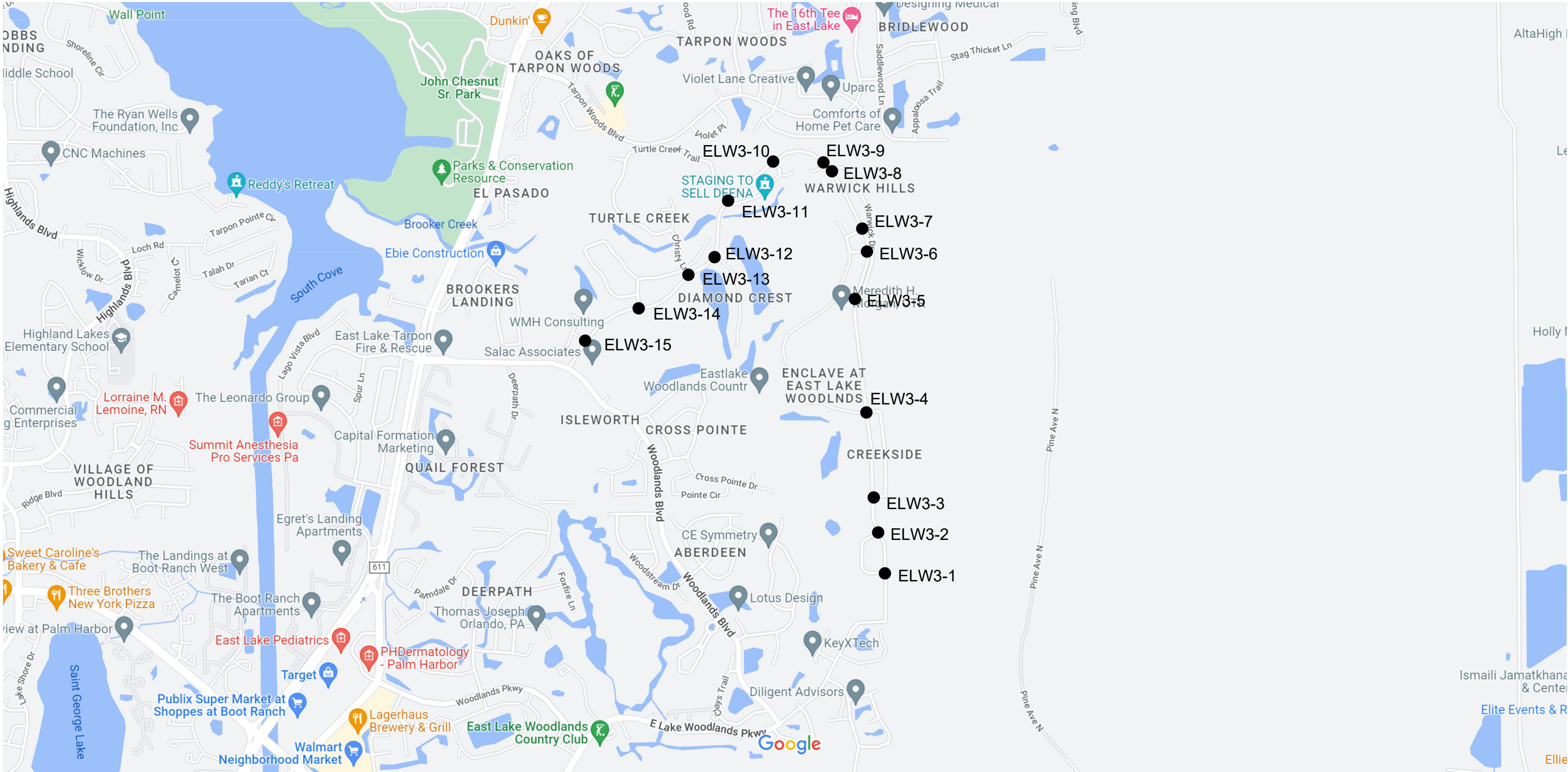


E LAKE WOODLANDS PARKWAY ROADWAY SEGMENT #2



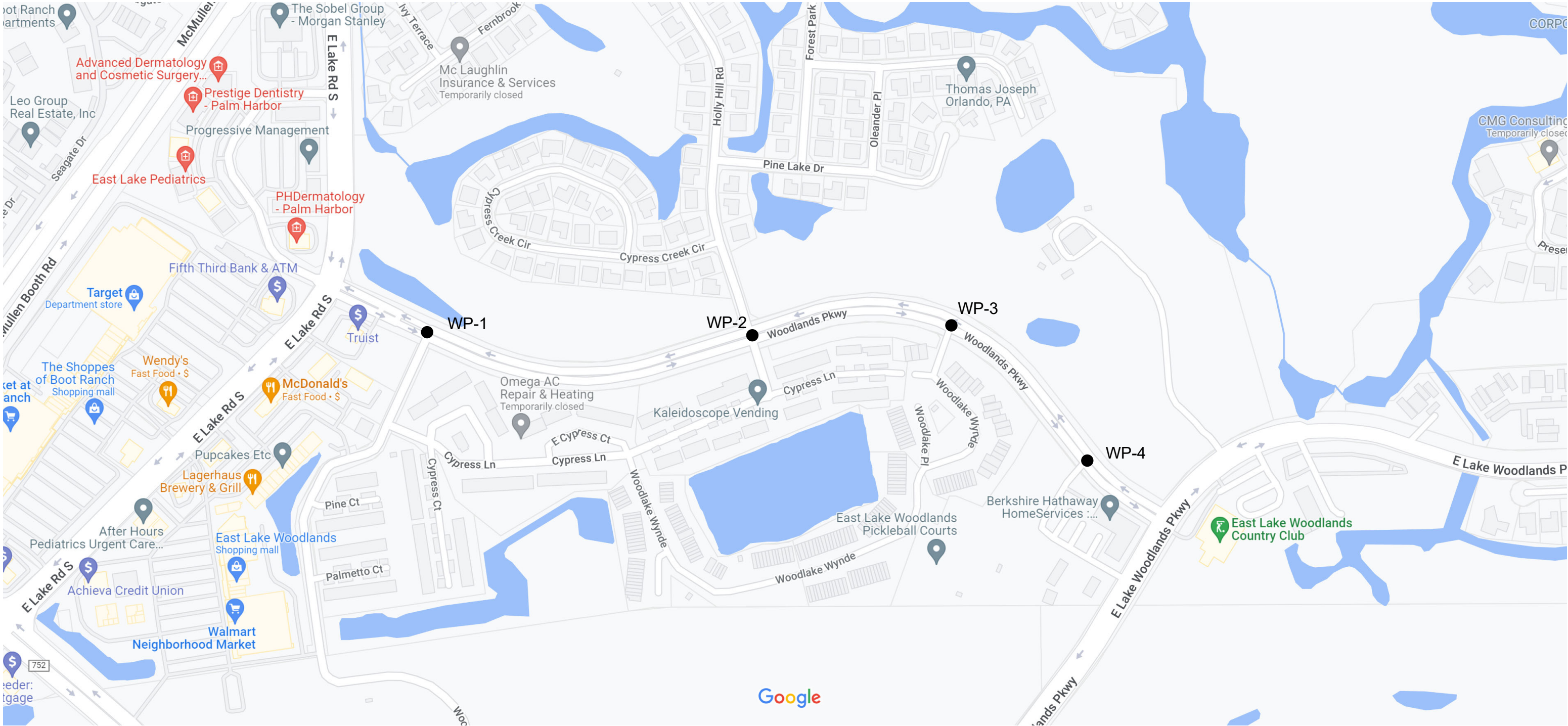


E Lake Woodlands Parkway (Segment 3: Greenhaven III to Woodlands Blvd)





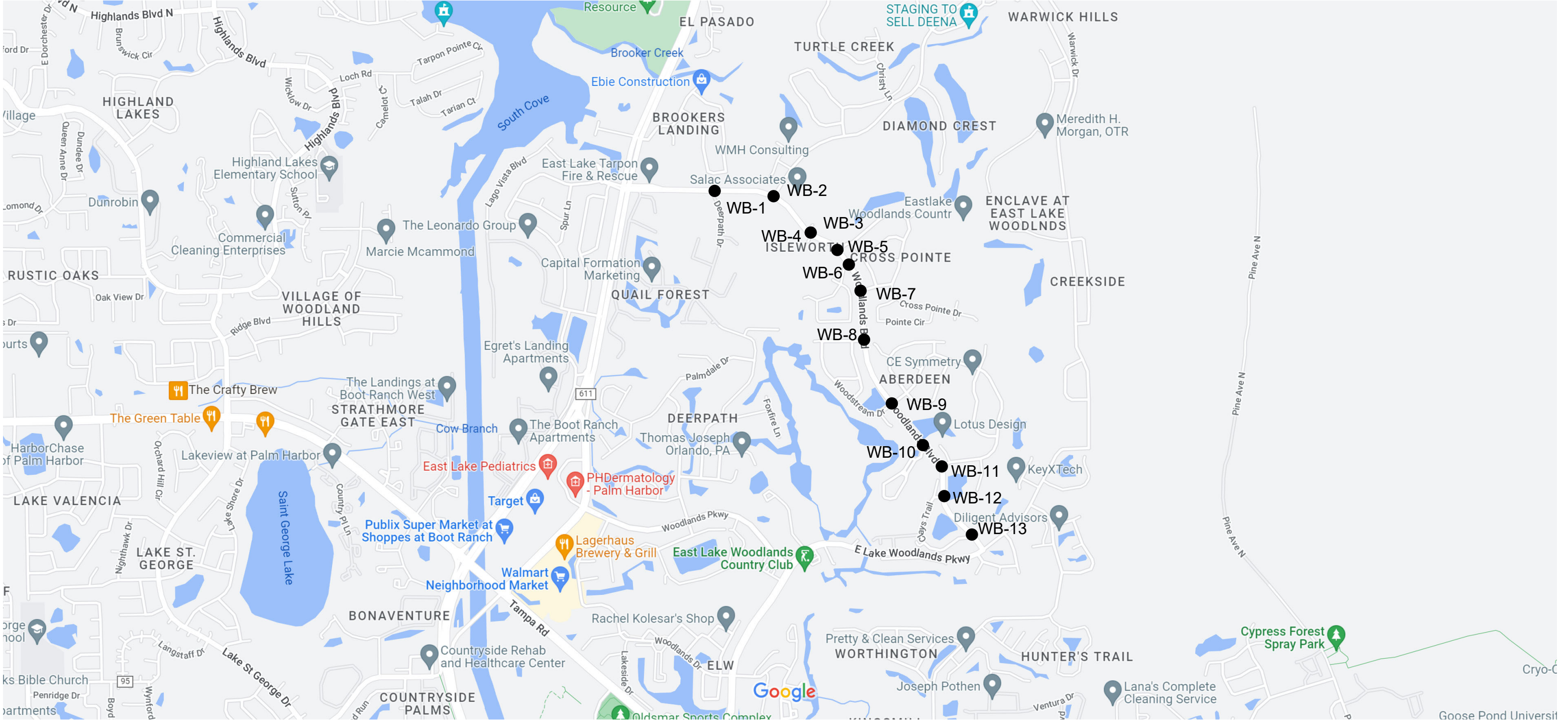
Woodlands Parkway Road Segment



Map data ©2022 Google 200 ft

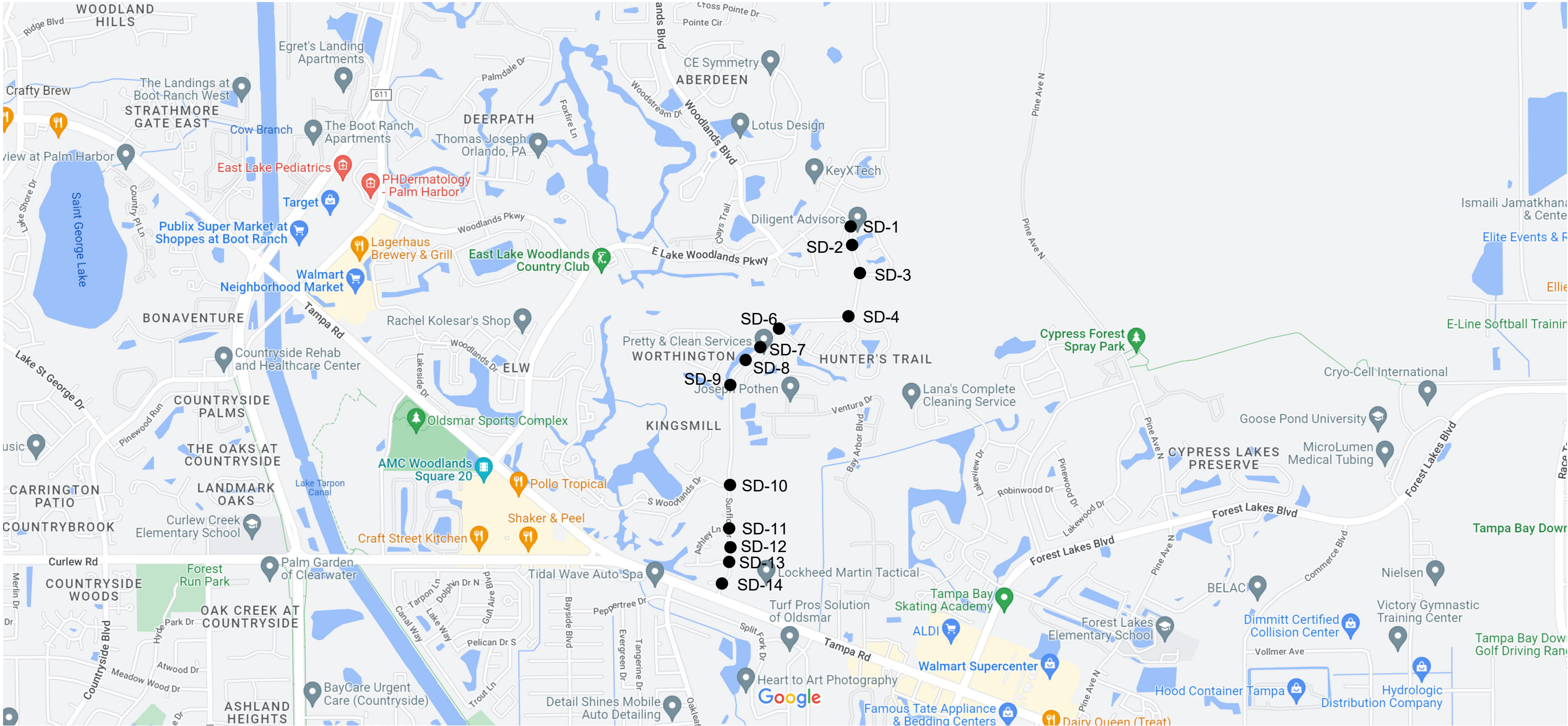


Woodlands Blvd Road Segment

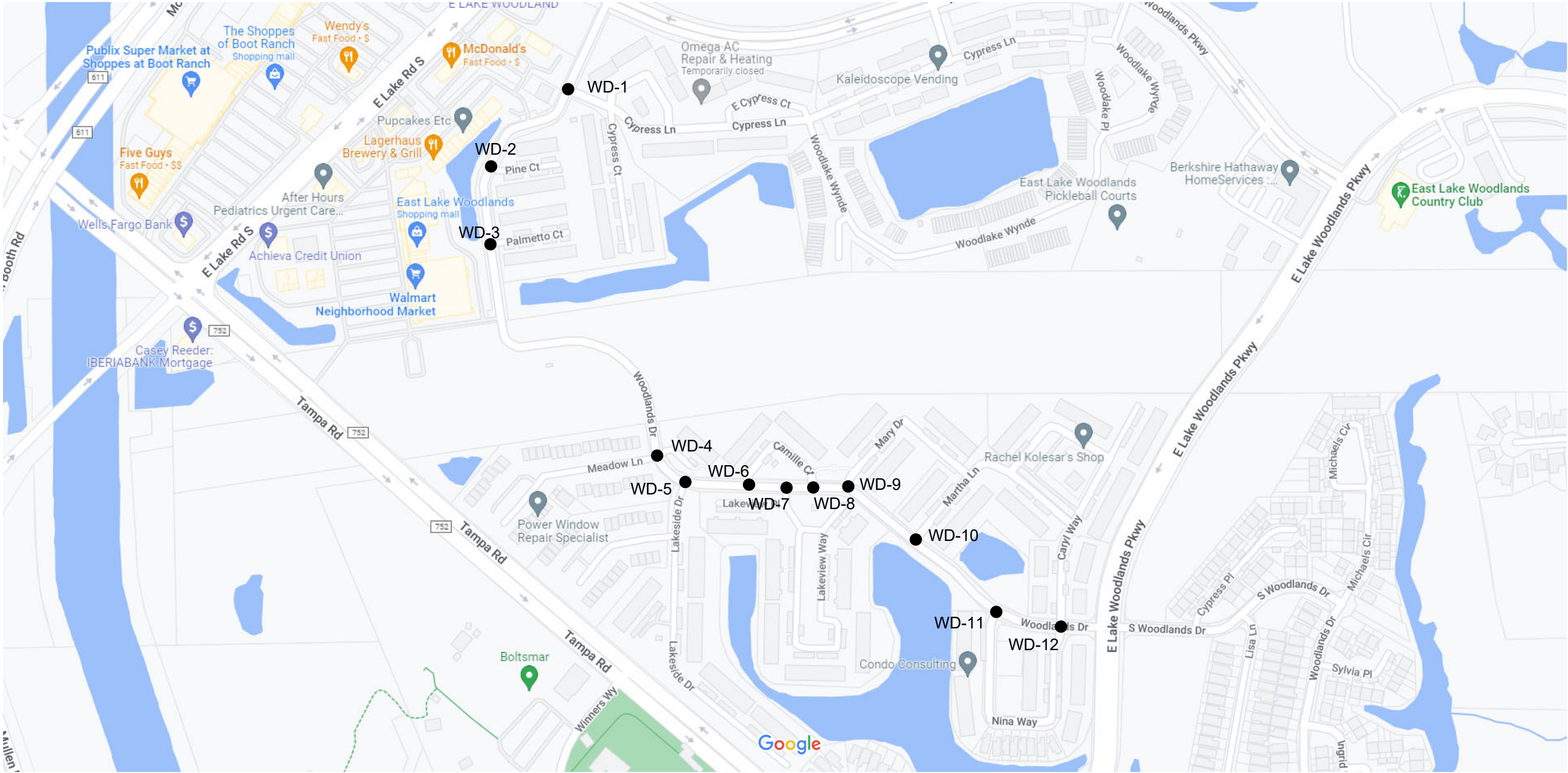




Sunflower Drive Road Segment



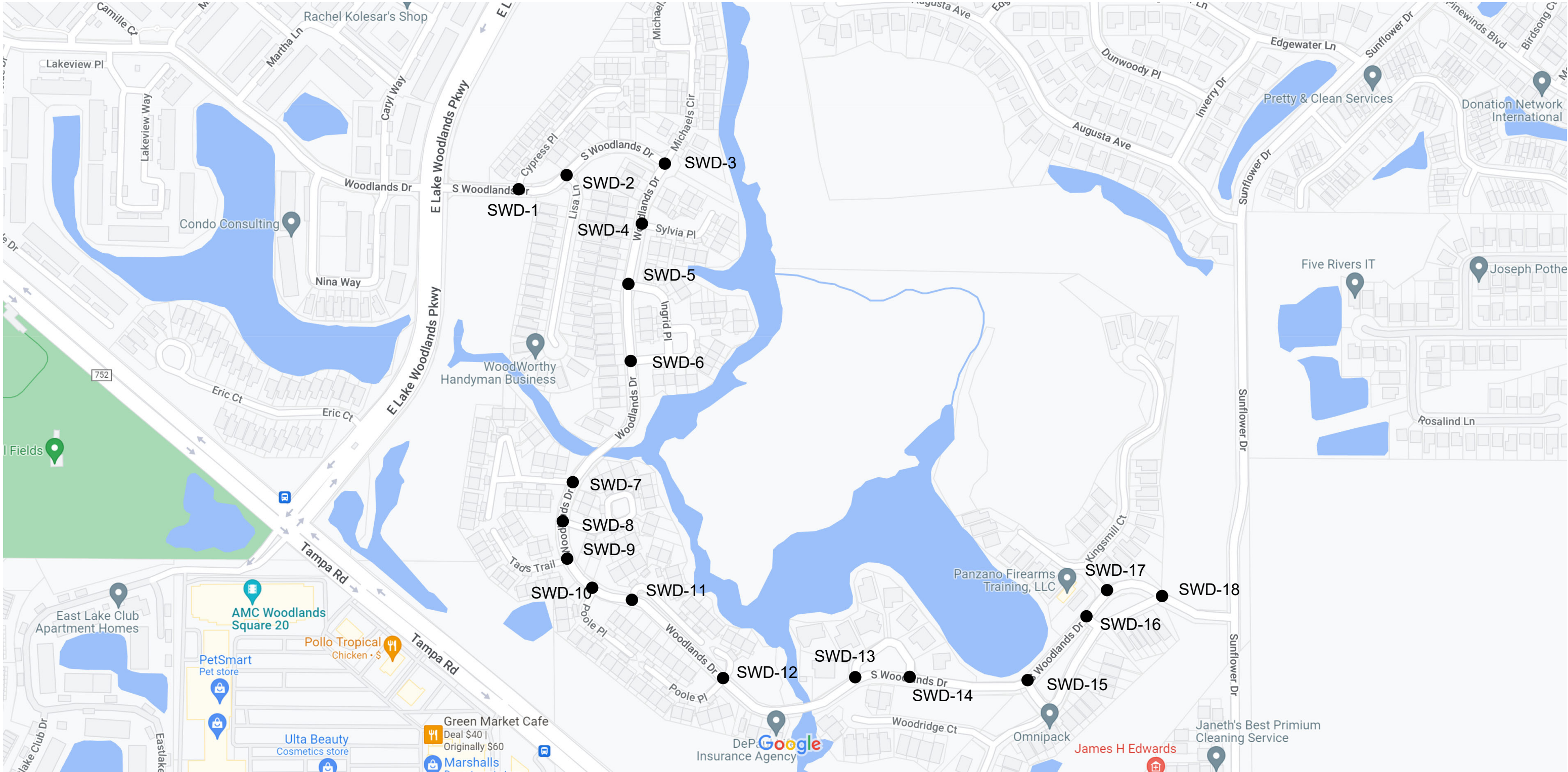
Map data ©2022 Google 1000 ft



Map data ©2022 Google 200 ft



S Woodlands Drive Road Segment



Map data ©2022 200 ft