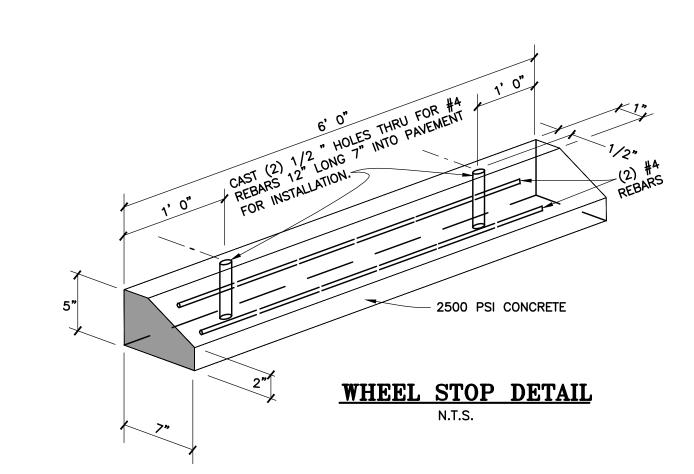


N.T.S





TRAFFIC SIGNS ON PRIVATELY MAINTAINED ROADS ARE THE RESPONSIBILITY OF THE MAINTAINING ENTITY, TYPICALLY, THE HOMEOWNERS OR PROPERTY OWNERS ASSOCIATION. WHERE PRIVATELY MAINTAINED ROADS INTERSECT STATE OR COUNTY MAINTAINED ROADS, THE TRAFFIC SIGNS (SUCH AS STOP BARS) "SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND CURRENT USER ENTITY" NOT THE COUNTY OR THE STATE. PRIOR TO THE MARTIN COUNTY SHERIFF'S OFFICE PATROLLING ON PRIVATE ROADS, AN AGREEMENT FOR TRAFFIC CONTROL ON PRIVATE ROADS MUST BE EXECUTED WITH MARTIN COUNTY. THE HOMEOWNERS OR PROPERTY OWNERS ASSOCIATION SHALL SUBMIT A CERTIFICATION OF COMPLIANCE WITH THESE REGULATIONS PRIOR TO THE EXECUTION OF THE AGREEMENT FOR TRAFFIC CONTROL ON PRIVATE ROADS; THE CERTIFICATION MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA.

FIBER-REINFORCED CONCRETE FOR CURBS AND SIDEWALKS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI

THICKENED EDGE SHALL CONTAIN APPLICABLE SUBGRADE COMPACTED TO 98% OF MAXIMUM DRY DENSITY (AASHTO T-99)

A DESIRED 8 FEET SHALL BE MAINTAINED BETWEEN EDGE OF TRAVEL LANE AND SIDEWALK WHERE CURB AND GUTTER DOES

MARTIN COUNTY ENGINEERING - STANDARD DETAILS

SIDEWALK

NOT EXIST (MINIMUM SHALL BE 4.5 FEET, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER).

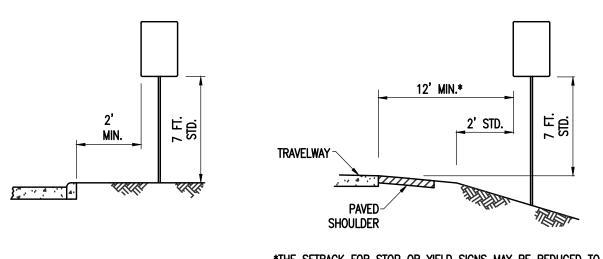
AT 28 DAYS WITH A WATER TO CEMENT RATIO NOT MORE THAN 0.53 (LB/LB).

THE DESIGN AND MANUFACTURING OF ALL SIGNING AND MARKINGS REQUIRED FOR THE OPERATION OF THE CONNECTION (SUCH AS STOP BARS AND STOP SIGNS FOR THE CONNECTION) SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND CURRENT ENTITY RESPONSIBLE FOR THE CONNECTION, OR GOVERNMENTAL ENTITY HAVING JURISDICTION OVER THE CONNECTION, ROAD, OR INTERSECTION OF THE STATE HIGHWAY REGARDLESS OF THE OWNER OF THE RIGHT—OF—WAY AS PROVIDED IN CHAPTER 316, FLORIDA STATUTES.

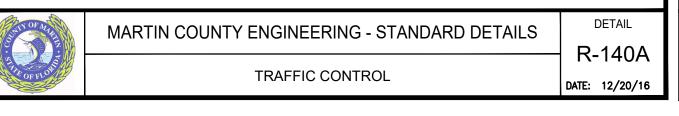
ALL TRAFFIC CONTROL DEVICES INSTALLED ON COUNTY OR PRIVATELY MAINTAINED ROADS SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS, AND THESE STANDARDS.

PLACEMENT OF TRAFFIC CONTROL DEVICES

PER FLORIDA STATUTE 316.0747, THE PLACEMENT OR POSITION OF TRAFFIC CONTROL DEVICES ALONG ROADS WHERE THE PUBLIC IS INVITED, INCLUDING THOSE DEVICES INSTALLED ON PRIVATE PROPERTY, SHALL MEET THE STATE STANDARDS ADOPTED BY THE FDOT, WHICH INCLUDES THOSE IDENTIFIED IN THE MUTCD. IF THE STANDARD POSITION CANNOT BE ATTAINED DUE TO IMMOBILE OBSTRUCTIONS. ALTERNATIVE PLACEMENT MAY BE PERMITTED.



*THE SETBACK FOR STOP OR YIELD SIGNS MAY BE REDUCED TO 3' MINIMUM FROM THE DRIVING LANE IF REQUIRED FOR VISIBILITY IN BUSINESS OR RESIDENTIAL AREAS WITH NO CURB AND SPEEDS OF 30 MPH OR LESS



REGULATORY SIGNS AND MARKINGS



DATE: 12/20/1

INSTALLATION OF STOP SIGNS SHALL BE IN ACCORDANCE WITH THE SECTION 2B.04 OF THE M.U.T.C.D. MULTI-WAY STOP SIGNS SHALL BE PLACED ONLY IF APPLICABLE IN ACCORDANCE WITH SECTION 2B.07 OF THE M.U.T.C.D. STOP SIGNS ARE USED TO INDICATE THAT TRAFFIC IS ALWAYS REQUIRED TO STOP AND SHOULD NEVER BE USED TO SLOW OR CALM TRAFFIC FLOW. STOP SIGNS SHALL BE OCTAGON AND AT LEAST 30 INCHES HIGH BY 30 INCHES WIDE WITH RED "PRISMATIC SHEETING" BACKGROUND.

A STOP BAR OR LINE IS REQUIRED AT EACH LOCATION WHERE A STOP SIGN EXISTS. THE STOP BAR SHALL CONSIST OF A SOLID 24-INCH WIDE WHITE THERMOPLASTIC LINE THAT EXTENDS ACROSS THE APPROACH LANES TO INDICATE THE POINT AT WHICH THE STOP IS INTENDED OR REQUIRED TO BE MADE.



YIELD SIGNS SHALL BE USED ONLY TO CONTROL MERGE MOVEMENTS AND TO ASSIGN THE RIGHT OF WAY AT THE ENTRANCE OF A ROUNDABOUT INTERSECTION. YIELD SIGNS SHALL BE A TRIANGULAR AND NOT LESS THAN 36 INCHES ALONG EACH SIDE.



'NO RIGHT TURN' OR 'NO LEFT TURN' SIGNS SHOULD BE PLACED WHERE THEY WILL BE MOST EASILY SEEN BY ROAD USERS WHO MIGHT BE INTENDING TO TURN. THESE SIGNS ARE THE ONLY SIGNS (OTHER THAN THE SUPPLEMENTAL PLAQUE) PERMITTED TO BE PLACED ON THE POST IN CONJUNCTION WITH A STOP OR YIELD WHEN LOCATED ON OR NEAR THE RIGHT CORNER OF THE INTERSECTION. TURN PROHIBITION SIGNS SHALL BE AT LEAST 24 INCHES HIGH BY 24 INCHES WIDE.



SPEED LIMITS SHALL BE ESTABLISHED IN ACCORDANCE WITH THE FDOT'S "SPEED ZONING FOR HIGHWAYS, ROADS, AND STREETS IN FLORIDA." THE LETTERING OF SPEED LIMIT SIGNS SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D, THE "STANDARD HIGHWAY SIGNS" BOOK, AND THE "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS."

THE MINIMUM POSTED SPEED IN MARTIN COUNTY IS 25 MPH; HOWEVER, SCHOOL ZONES MAY BE POSTED AT 20 MPH AT CERTAIN TIMES OF THE DAY.

SPEED LIMIT SIGNS SHALL BE AT LEAST 30 INCHES HIGH BY 24 INCHES WIDE WITH WHITE "PRISMATIC SHEETING" BACKGROUND. BLACK BORDER AND LETTERING MATERIALS SHOULD MEET MUTCD STANDARDS.

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FOR LOCAL ROADS WITH SPEED LIMITS OF 25 MPH, THE LETTERING ON POST-MOUNTED STREET NAME SIGNS MAY BE COMPOSED OF INITIAL UPPER-CASE LETTERS AT LEAST 4 INCHES IN HEIGHT AND LOWER-CASE LETTERS AT LEAST 3 INCHES IN HEIGHT. THE STREET NAME SIGN (BLADES) (2) PER EACH SIGN NAME, SHALL BE 6 INCHES HIGH AND MUST BE LONG ENOUGH TO ACCEPT THE COMPLETE SPELLING OF THE STREET NAME, SEE MUTCD TABLE 2D-2, RECOMMENDED MINIMUM LETTER HEIGHTS ON STREET NAME SIGNS. THE LETTERING SHALL BE HIGHWAY C OR HIGHWAY B FONT, 6-INCH INITIAL UPPER CASE LETTERS WITH 4.5-INCH LOWER-CASE LETTERS MAY BE USED.

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STREET NAME BLADES ON COUNTY-MAINTAINED ROADS

TABLE 2D-2. RECOMMENDED MINIMUM LETTER HEIGHTS ON STREET NAME SIGNS

				RECOMMENDED MINIMUM LETTER HEIGHT
	TYPE OF MOUNTING	TYPE OF STREET OR HIGHWAY	<u>SPEED LIMIT</u>	INITIAL UPPER-CASE LOWER-CASE
	OVERHEAD	ALL TYPES	ALL SPEED LIMITS	12 INCHES 9 INCHES
	POST-MOUNTED	MULTI-LANE	MORE THAN 40 MPH	8 INCHES 6 INCHES
	POST-MOUNTED	MULTI-LANE	40 MPH OR LESS	6 INCHES 4.5 INCHES
	POST-MOUNTED	2-LANE	ALL SPEED LIMITS	*6 INCHES *4.5 INCHES

* ON LOCAL TWO-LANE STREETS WITH SPEED LIMITS OF 25 MPH OR LESS, 4-INCH INITIAL UPPER-CASE LETTERS WITH 3-INCH LOWER-CASE LETTERS MAY BE USED. THE SUPPLEMENTARY LETTERING INDICATING THE COUNTY QUADRANT (SUCH AS SE) OR TYPE OF STREET (RD. OR AVE) SHALL BE 2"-HIGH CAPITAL LETTERS, AND SUPER-SCRIPTED AT ALL LOCATIONS, THE LETTERING SHALL BE AT LEAST 1 INCH FROM THE TOP, BOTTOM, AND EACH SIDE OF BLADE. UNLESS SPECIFICALLY STATED OTHERWISE, THE BORDER SHALL BE WHITE AND SHALL BE AT LEAST ½ INCH INSIDE THE EDGE WHERE PRACTICABLE, THE CORNERS OF THE SIGN SHALL BE ROUNDED TO FIT THE BORDER. ABBREVIATIONS SHALL BE LIMITED TO THOSE THAT ARE COMMONLY RECOGNIZED AND UNDERSTOOD. ALL STREET NAME BLADES SHALL BE MADE OF .063 ALUMINUM, THE SIGN BACKGROUND SHALL BE WHITE "PRISMATIC SHEETING" BACKGROUND WITH "GREEN" ELECTRO-CUT OVERLAY, THE BLADES SHALL BE MOUNTED TO THE SQUARE POST WITH (2) 5/16 X 2-3/4 BOLTS WITH NYLON WASHERS, AND LOCK WASHER ATTACHED TO POST, PLUS (2) 5/16 X 3/4 BOLTS WITH NYLON WASHERS AND LOCK WASHER FOR THE END OF THE BLADES.

MATERIALS ON COUNTY-MAINTAINED ROADS

MARTIN COUNTY REQUIRES THE USE OF STEEL FLANGED SQUARE TUBE POSTS (SEE DETAIL BELOW). THE USE OF CONCRETE FOOTERS / BASES WITH THE POST IS NOT PERMITTED. THE POST SHALL BE EMBEDDED A MINIMUM 3 FEET DEEP. ALL SIGNS SHALL BE MADE OF REFLECTIVE SHEETING ON 0.080—GAUGE ALUMINUM SIGN BLANKS

ALL PAVEMENT MARKINGS SHALL BE A THERMOPLASTIC AND PAVEMENT STRIPES SHALL BE AT LEAST 6 INCHES WIDE, WHETHER WHITE OR YELLOW.

MARTIN COUNTY ENGINEERING - STANDARD DETAILS

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JV REED & ZEUS PARK IMPROVEMENTS
MARTIN COUNTY, FL
DETAILS

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