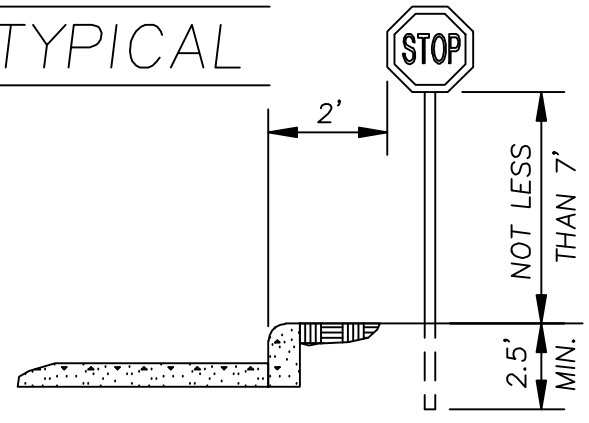
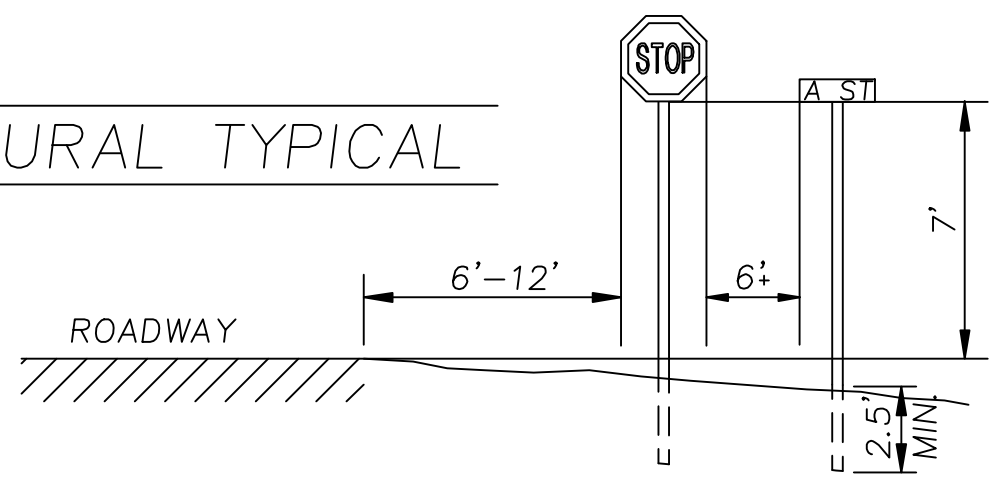


URBAN TYPICAL



RURAL TYPICAL



LOCATION OF STOP AND YIELD SIGNS

A STOP sign should be erected at the point where the vehicle is to stop, or as near thereto as possible, and may be supplemented with a Stop line and/or the word "STOP" on the pavement.

A YIELD sign should be erected in the same manner.

Where only one sign, STOP or YIELD, is used, it shall be on the right-hand side of the traffic lane to which it applies. At the intersection where a wide throat exists on the signed approach, observance of the sign may be improved by the erection of an additional sign on the left side of the approach road, and by the use of a STOP line. Where two lanes of traffic are subject to the STOP sign, a second sign should be placed where it is visible to traffic in the inner lane. At certain channelized intersections, the additional signs may be effectively placed on a channelized island. In no instance shall a STOP or YIELD sign be mounted above on another on the same post.

Where two roads intersect at an acute angle, the STOP or YIELD sign should be positioned at an angle or shielded so that the message is visible from the appropriate approach.

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.

TITLE: TRAFFIC CONTROL STANDARD  
 STOP / YIELD SIGNAGE

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: V-01

HERNANDO COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

**STREET NAME SIGNAGE**

Street NAMES shall be confirmed by the Hernando County Addressing Department.

Street name signs should be installed at every intersection with a minimum of one sign for each street name. Along multi-lane roadways, street name signs should be placed at least on diagonally opposite corners so they will be on the far right side of the intersection for traffic on the major street.

Street name signs shall be installed on their own separate post, at a height of 7' from the bottom of the sign panel to pavement grade.

Street name signs should have a white legend on a green background, and the border, if used, should be the same as the legend.

Street name signs shall be Type-III A high performance sheeting which consists of encapsulated spherical lens elements.

Street name blades should be .080" x 9" x length necessary.

Lettering shall be minimum 6" upper-case with 4.5" lower-case letters, all Series "B".

**STANDARD ACCEPTED ABBREVIATIONS ARE:**

Drive-DR	Court-CT	Parkway-PKWY	Loop-LOOP	Place-PL
Road-RD	Junction-JCT	Avenue-AVE	Street-ST	Way-WAY
Circle-CIR	Terrace-TER	Boulevard-BLVD	Lane-LN	Trail-TRL

**STANDARD HERNANDO COUNTY DPW MATERIALS**

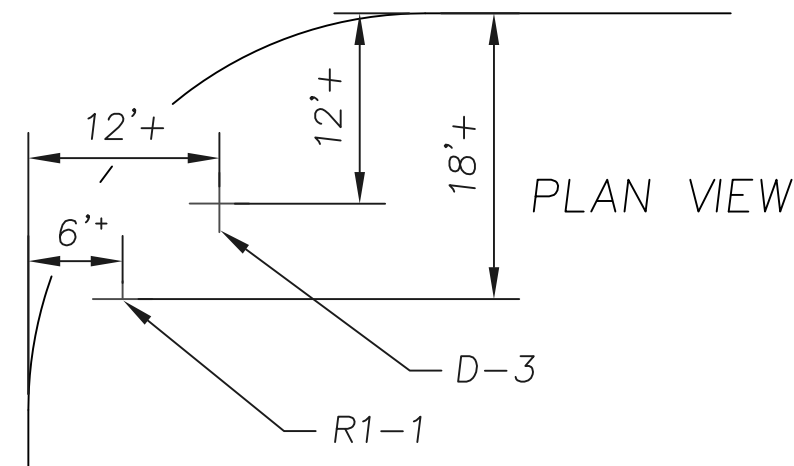
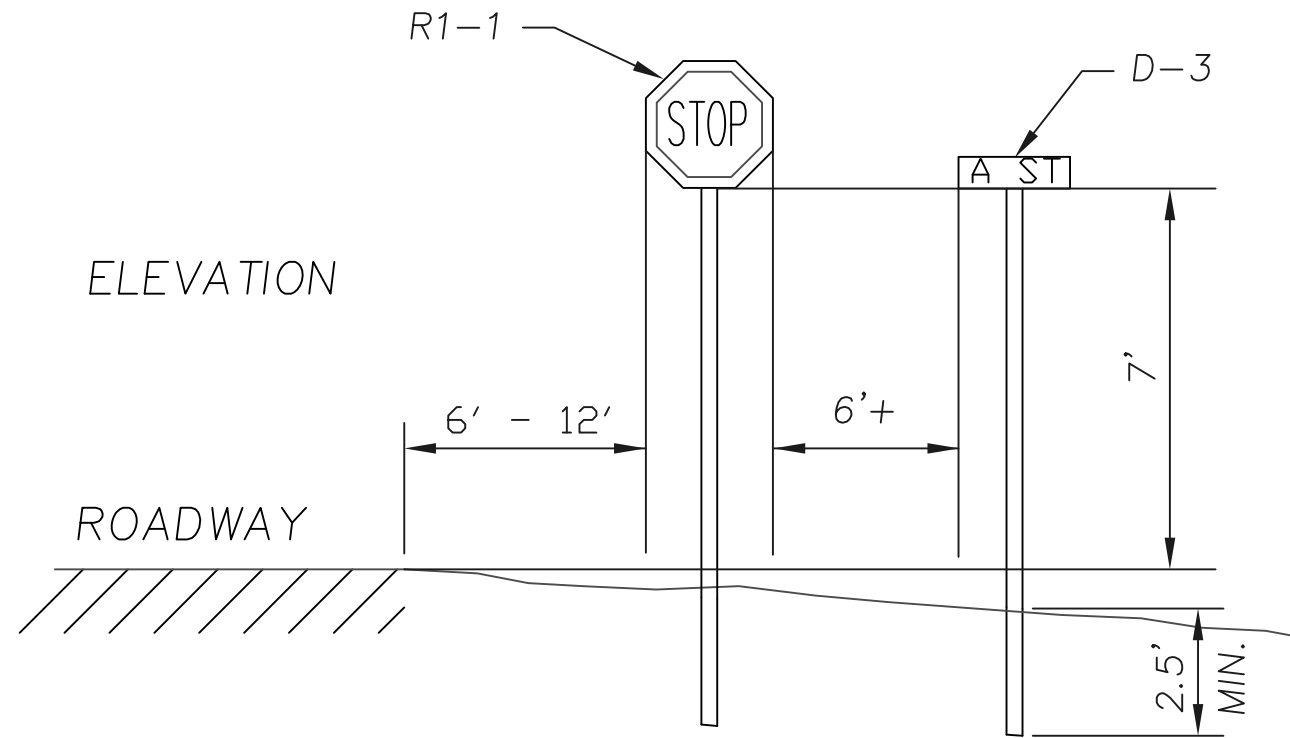
	Length	Weight Per ft.	Finish
<b>FLAT ALUMINUM BLADE</b> Flat blades of 5052-h38 aluminum alloy have a .080 thickness, with 3/4" radius corners and aladine finish.	06'	1.5 lb.	Galvanized
	10'	2.0 lb.	Galvanized
	12'	2.0 lb.	Galvanized
	14'	2.5 lb.	Galvanized
	16'	3.0 lb.	Galvanized

**SUPR-LOK PRUF BRACKETS**  
For flat aluminum  
Length of slot: 5 3/8"  
Width of slot: 3/16"  
SUPR-LOK PRUF 91-U-F  
For all U posts

**FLANGED CHANNEL SIGN POSTS (Steel)**  
19/32"  
3"  
11/16"  
3/8"

**METRO-WING BRACKET #8**  
14.5"  
8"

**SUPR-LOK PRUF 990 F**



Lettering shall be minimum 6" upper-case with 4.5" lower-case letters, all Series "B".

This sign shall be used on a private road where it meets a public road.



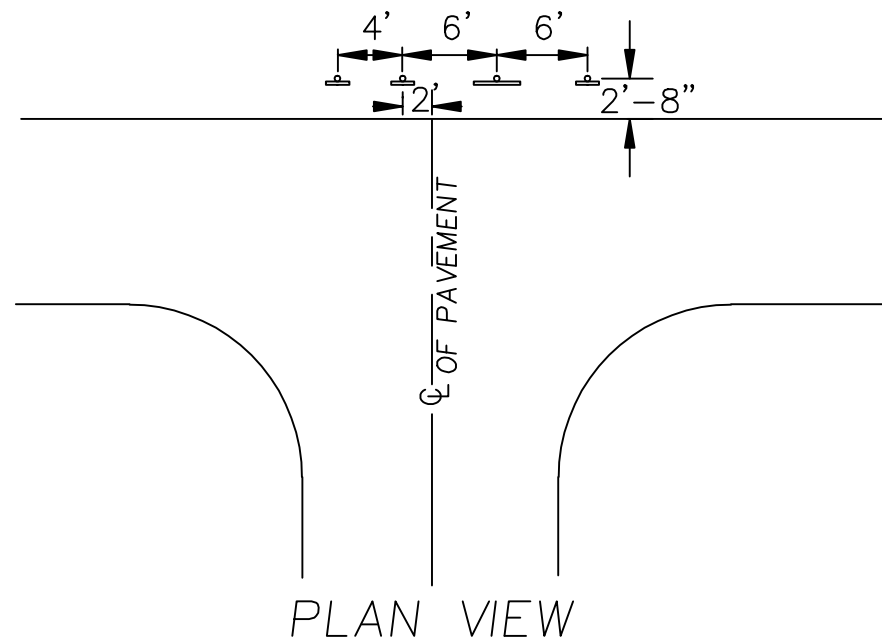
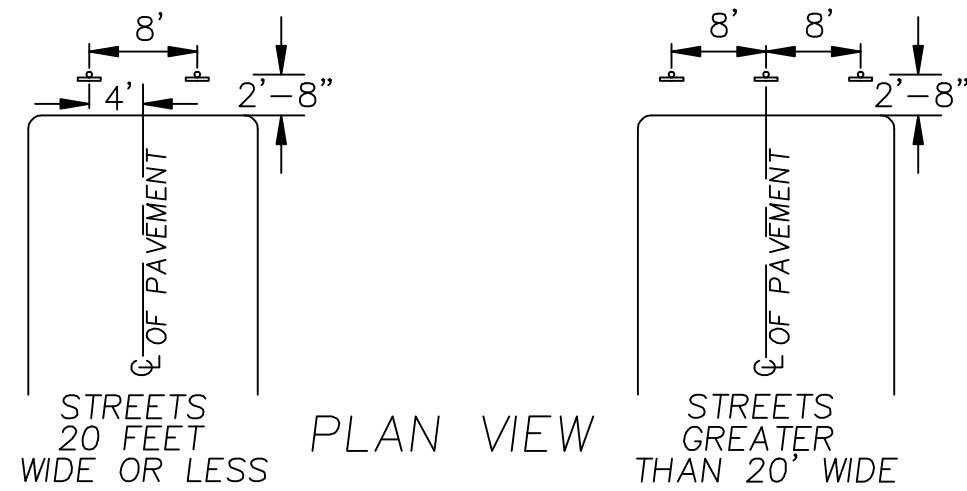
Lettering shall be minimum 6" upper-case with 4.5" lower-case letters, all Series "B".

TITLE: TRAFFIC CONTROL STANDARD  
STREET NAME SIGNAGE

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
ND: V-02

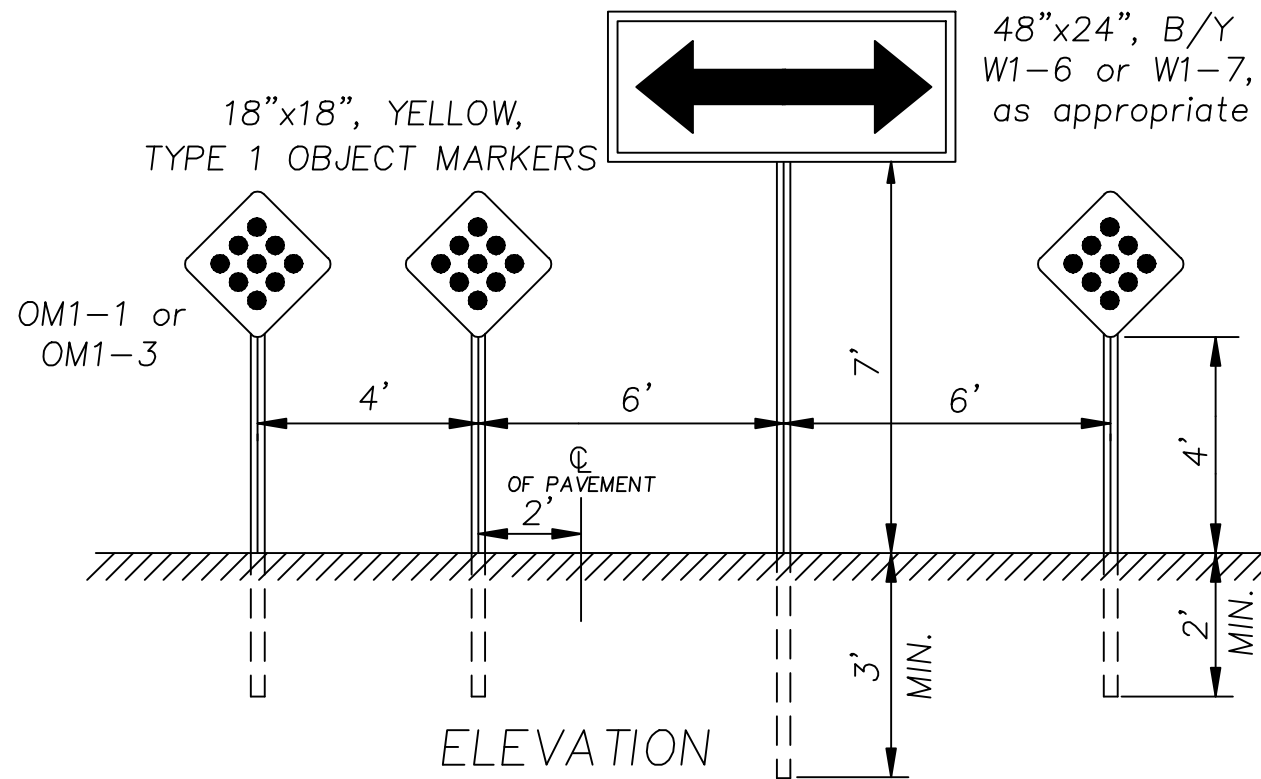
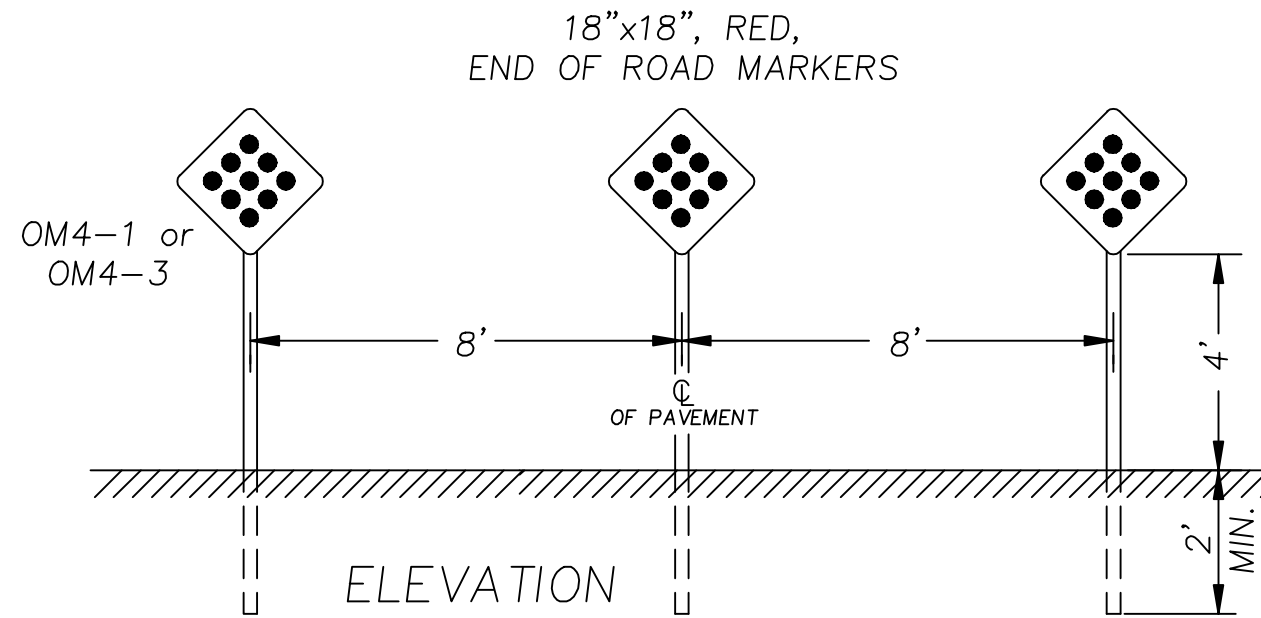
HERNANDO COUNTY FLORIDA  
Department of Public Works  
ENGINEERING DIVISION

1525 East Jefferson Street  
Brooksville, FL 34601-2807  
Ph. (352) 754-4062 Fax. (352) 754-4423



All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.

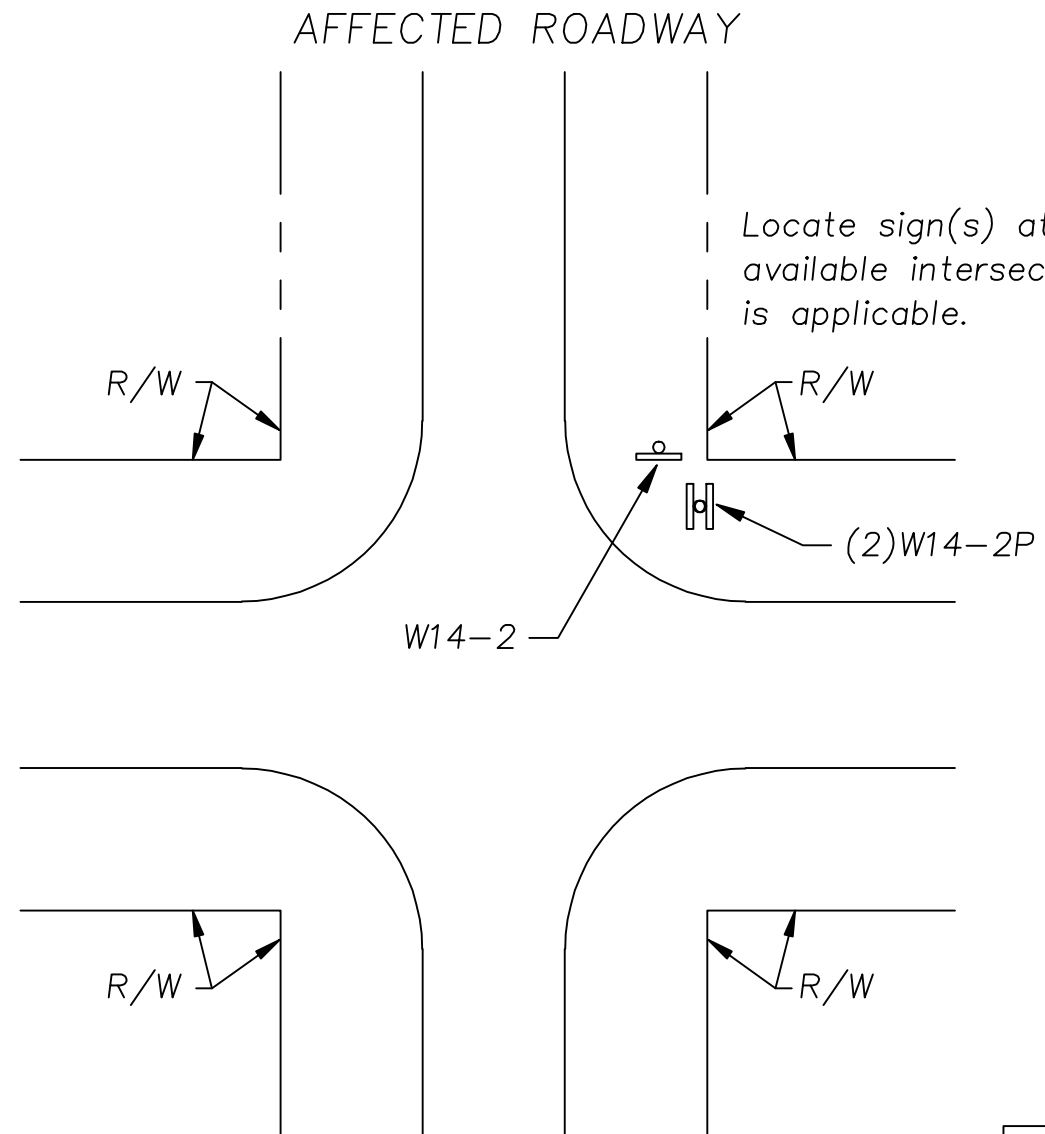
OTHER REGULATORY AND/OR WARNING SIGNS MAY BE REQUIRED WITH THE INSTALLATION OF ROADWAY TERMINATION MARKERS.



TITLE: TRAFFIC CONTROL STANDARD  
ROADWAY TERMINATION MARKERS

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-03

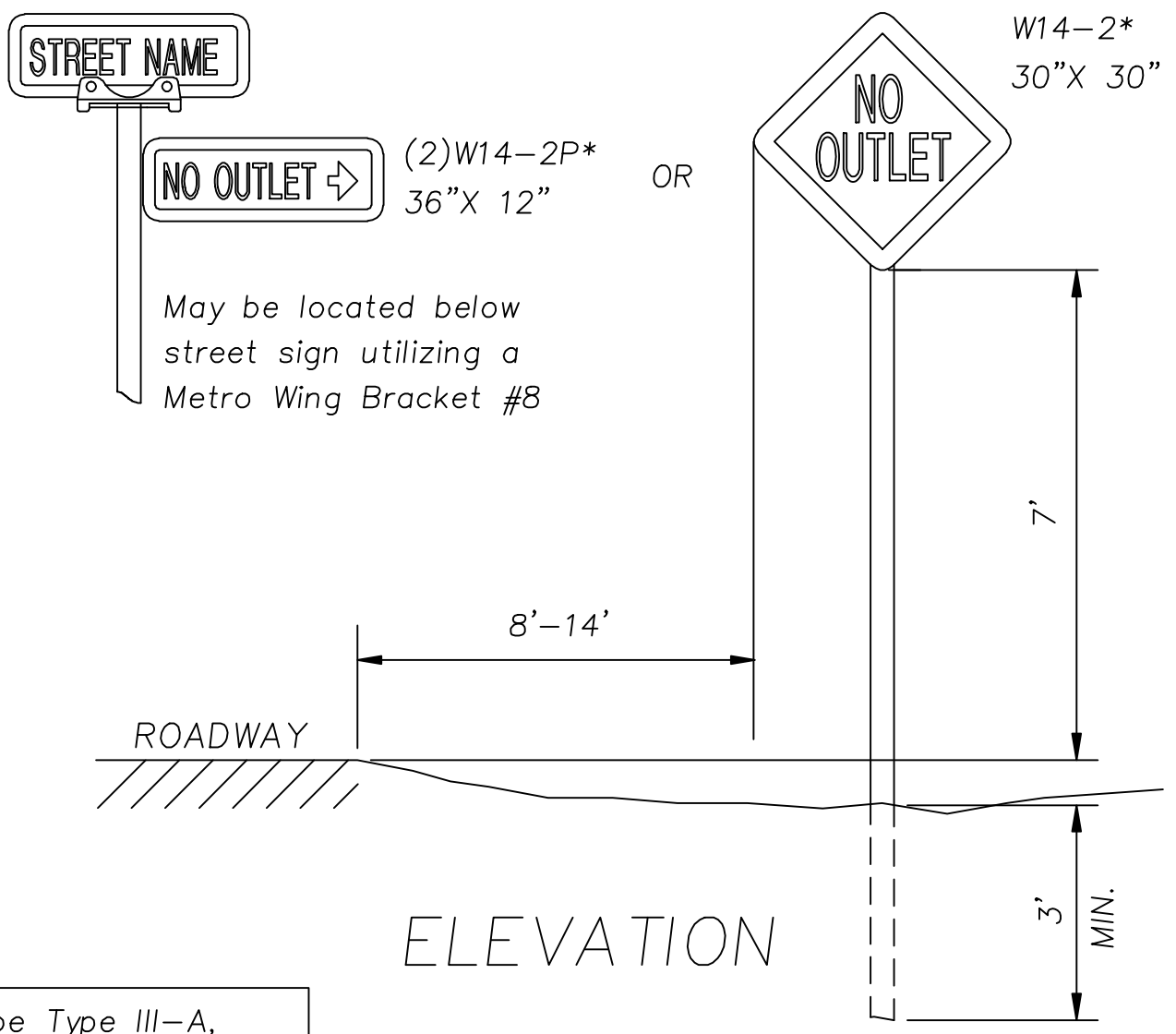
HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1625 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)764-4062 FAX. (352)764-4423



PLAN VIEW

AFFECTED ROADWAY

Locate sign(s) at the last available intersection that is applicable.



ELEVATION

W14-2 sign is required if the affected roadway begins at a cross intersection.

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.

Roadway termination markers may be required on some streets in conjunction with this signage.

TITLE: TRAFFIC CONTROL STANDARD  
"NO OUTLET" SIGNAGE

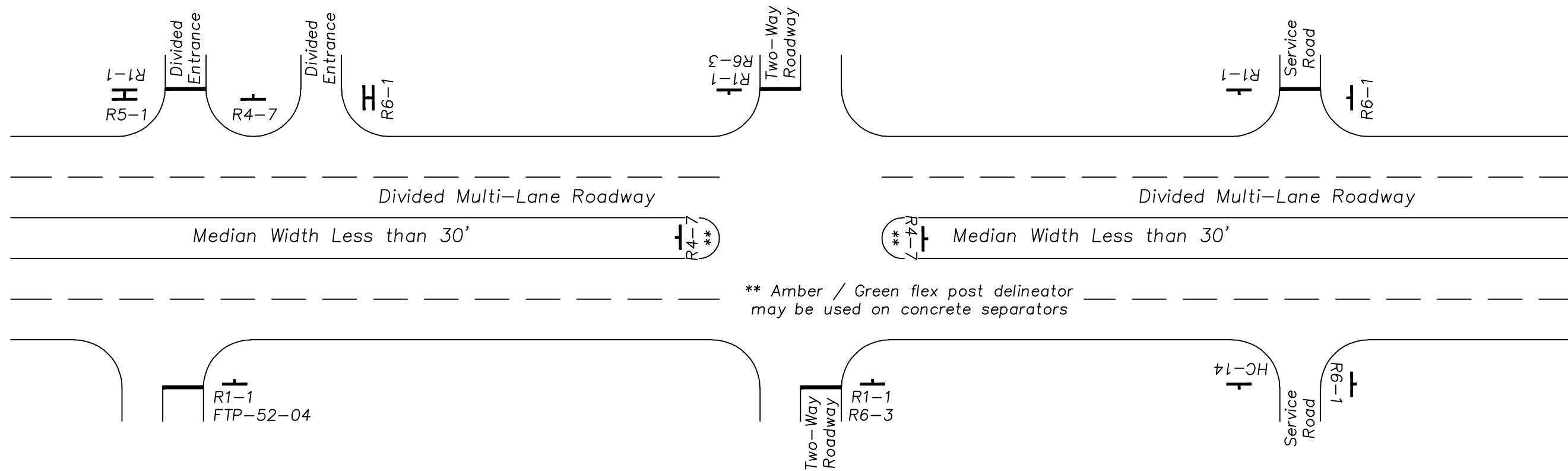
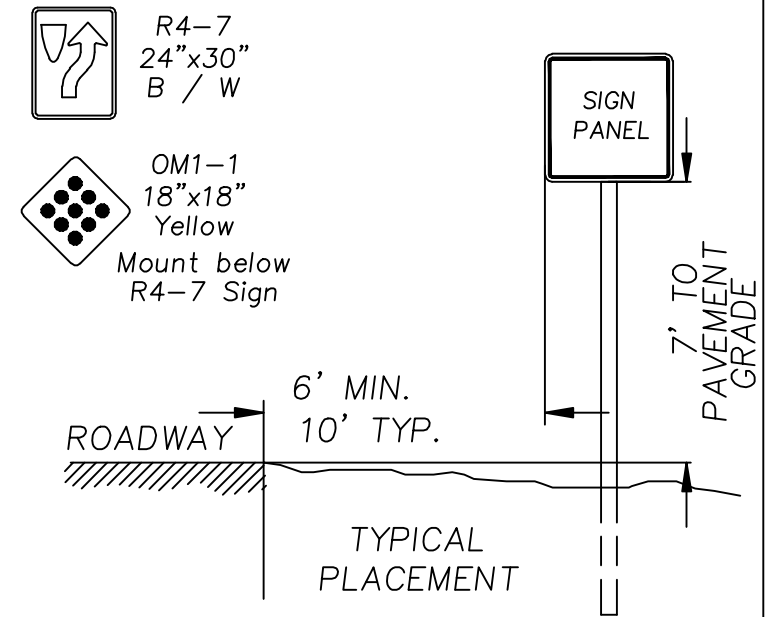
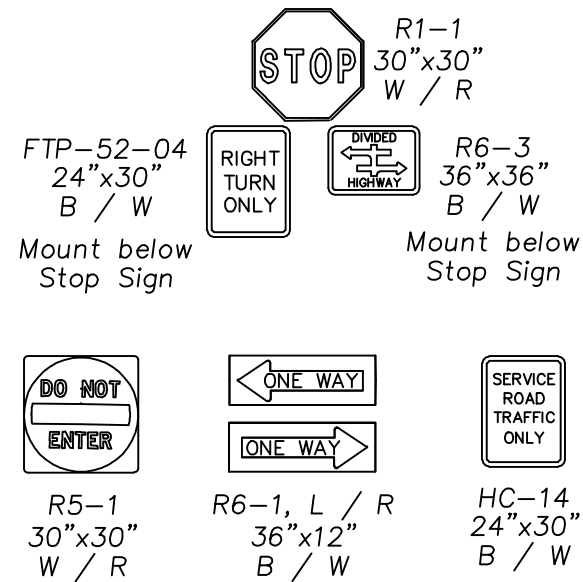
APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-04

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

**GENERAL NOTES:**

- See FDOT Index No. 17346 for additional details.
- See FDOT Index No. 17346 for median widths greater than 30'.
- R4-7 assembly only to be placed at major intersections and the beginning of divided roadways. Use amber / green flex delineators for minor intersections and median openings.
- The dimensions listed are minimums, and greater dimensions may be required by the County Engineer.
- See plans for roadway construction dimensions.
- See FDOT Index 17346 for pavement marking information.

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.



\*\* Amber / Green flex post delineator may be used on concrete separators

County Standard based on FDOT Index No. 17346. See FDOT Index for median widths 30' and greater.

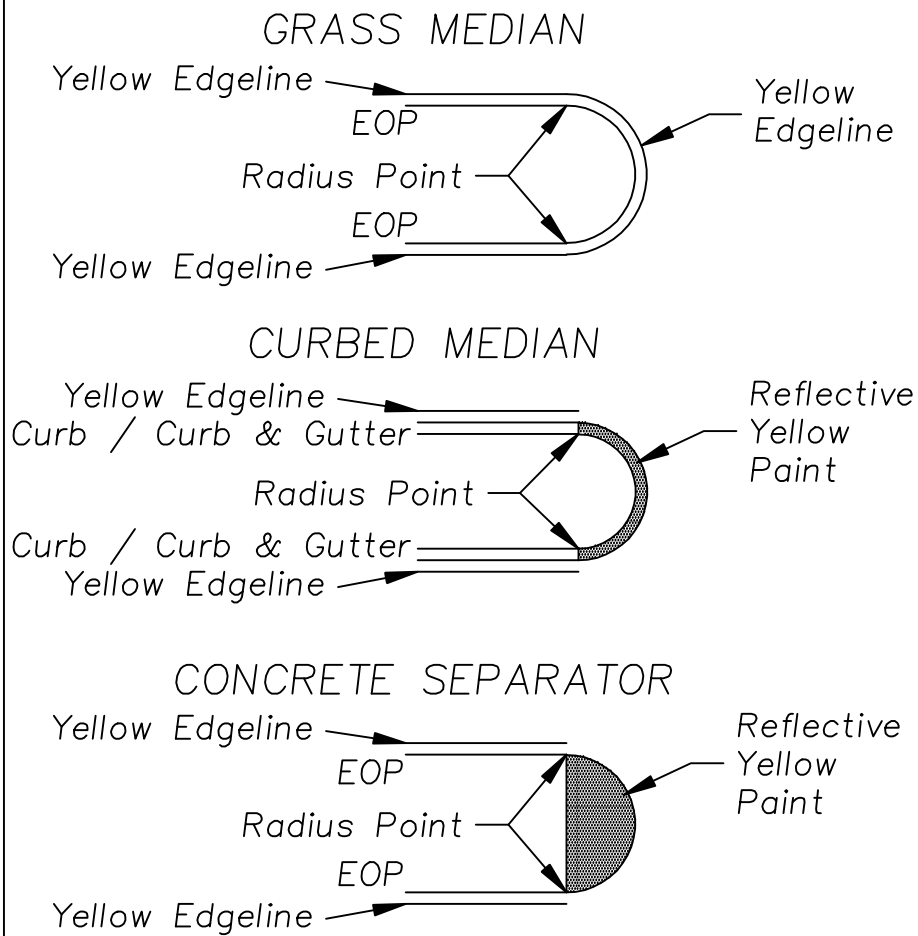
TITLE: TRAFFIC CONTROL STANDARD  
 ONE WAY / DIVIDED ENTRANCE SIGNAGE  
 APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: V-05

**HERNANDO COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

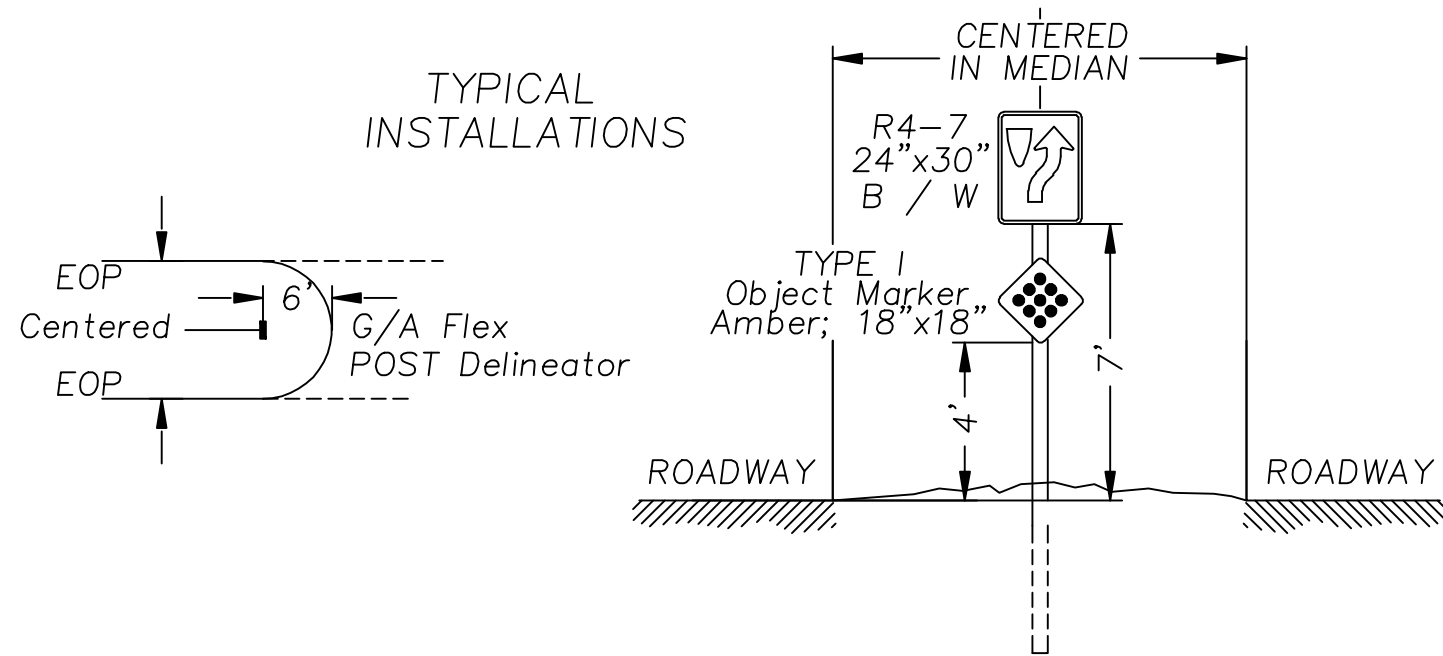
**GENERAL NOTES:**

- See FDOT Index 17346 for additional details.
- See FDOT District 7 Index No. 108 for additional details.
- R4-7 assembly only to be placed at major intersections and the beginning of divided roadways. Use amber / green flex delineators for minor intersections and median openings.
- Delineators colors are green nearest approach and amber farthest from approach.
- Installation dimensions same for grass median or concrete separator.
- The dimensions listed are minimums, and greater dimensions may be required by the County Engineer.
- See plans for roadway construction dimensions.
- See FDOT Index 17346 for pavement marking information.

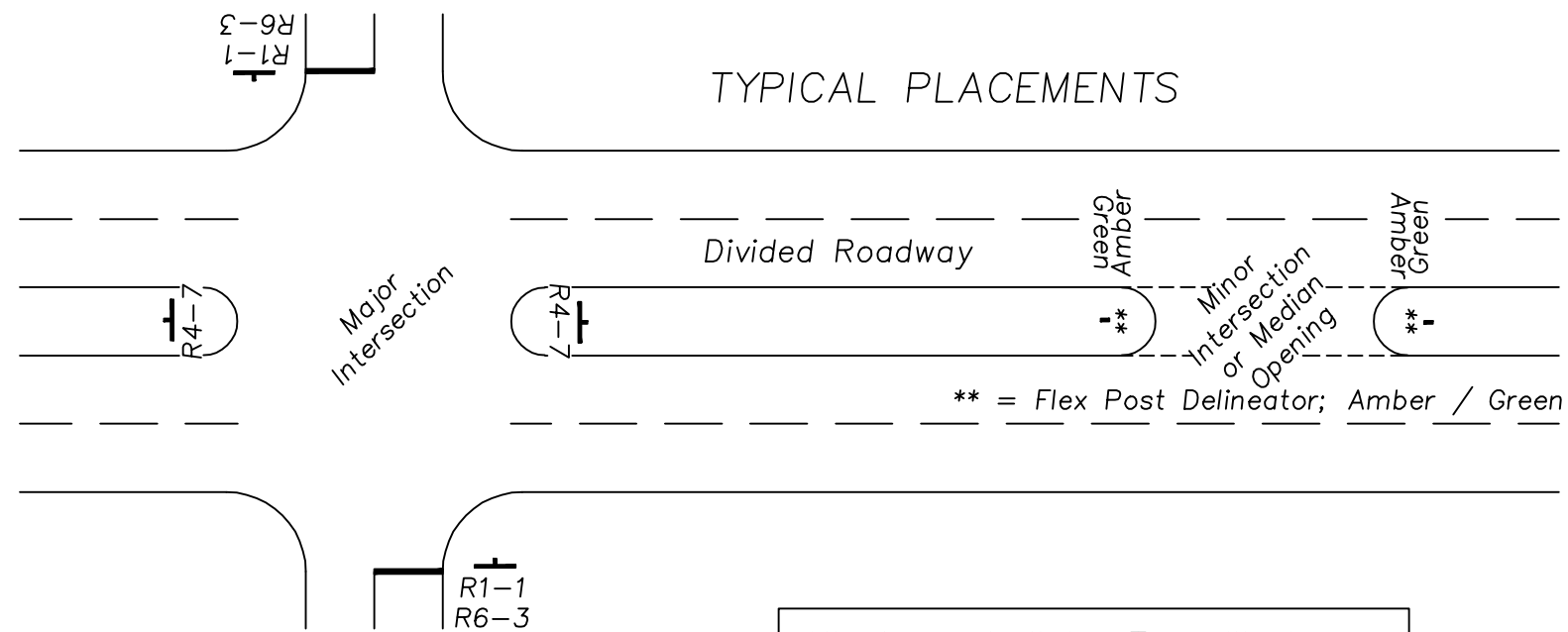
**MEDIAN NOSE PAINT DETAILS**



**TYPICAL INSTALLATIONS**



**TYPICAL PLACEMENTS**



All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.

TITLE: TRAFFIC CONTROL STANDARD  
 MEDIAN END SIGNAGE

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: V-06

**HERNANDO COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

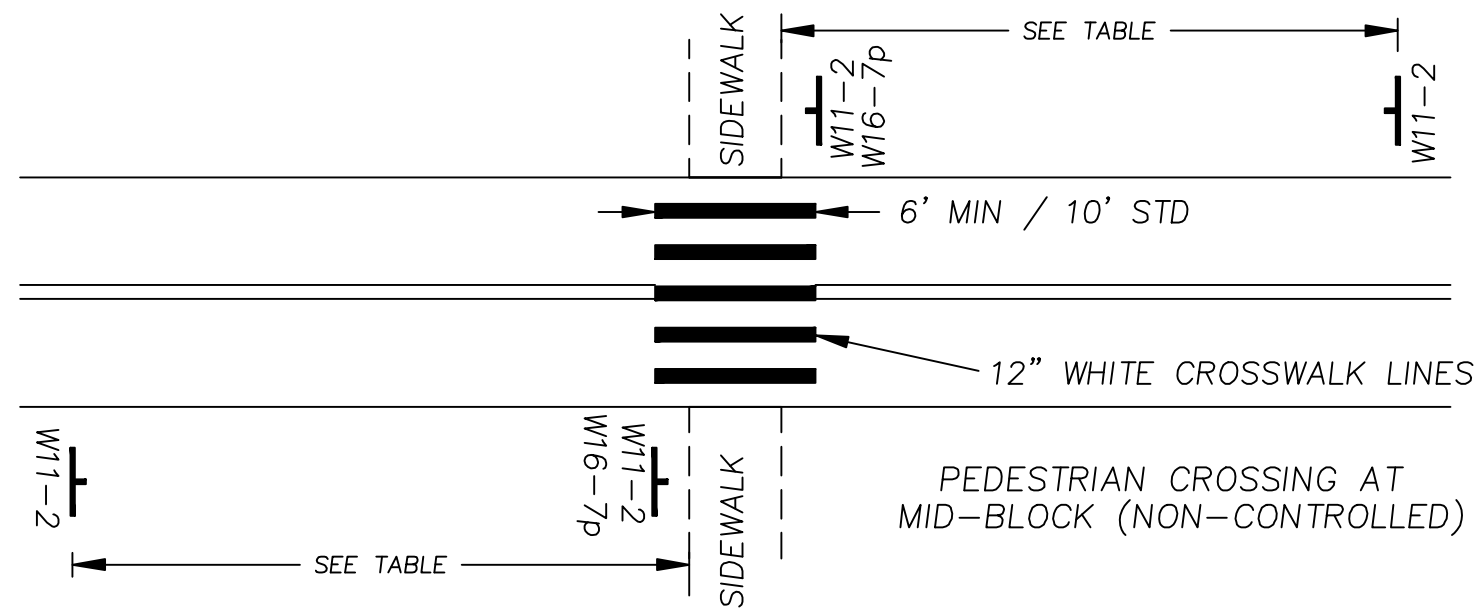
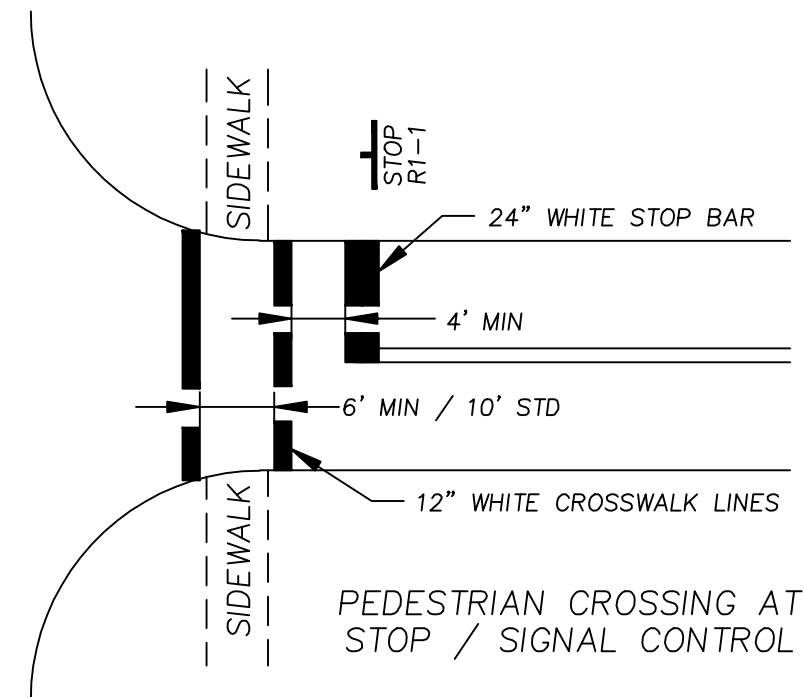
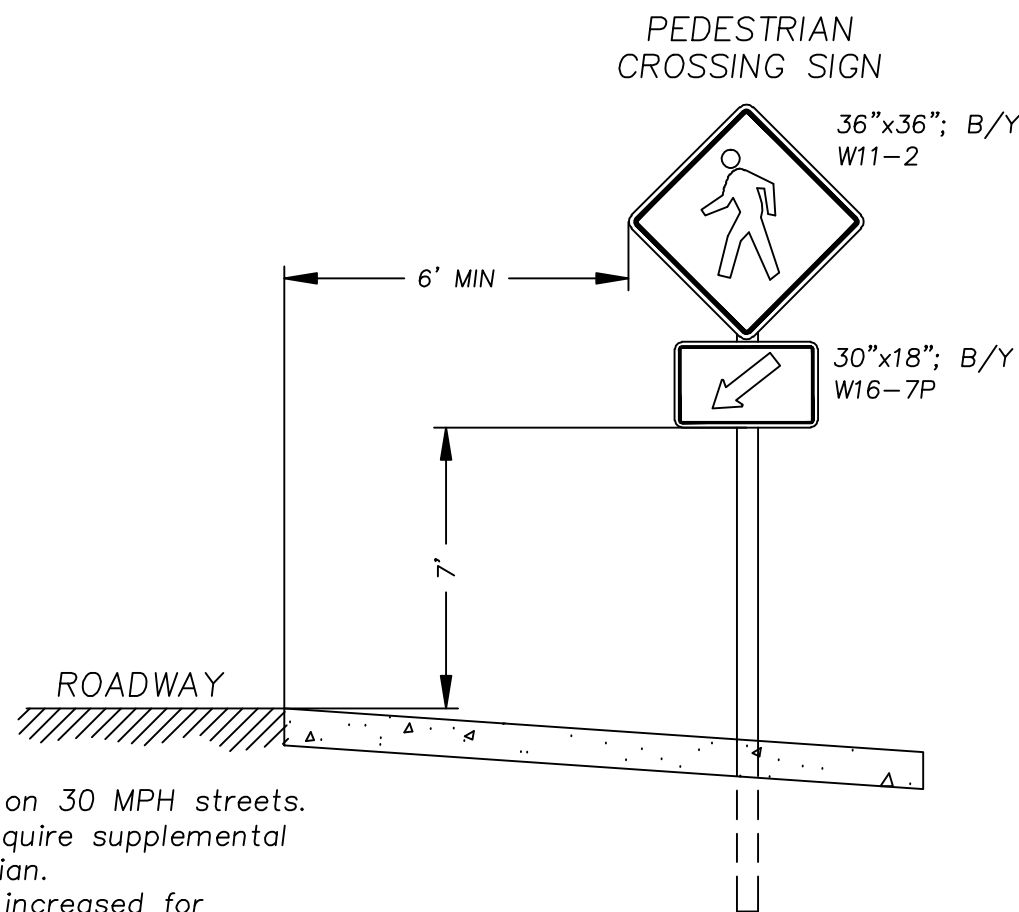
Design Speed (MPH)	Crossing Sign	Advance Sign
	W11-2 W16-7p	W11-2
STOP	NO	NO
30	YES	NO
35	YES	150'
40	YES	225'
45	YES	300'
50	YES	375'
55	YES	450'

Distances based on 1988 MUTCD, Table II-1, Advance Placement of Warning Signs, Condition B - Stop Condition to 10 MPH. Distances to be increased with horizontal and vertical curvature.

**GENERAL NOTES:**

- Advance warning signs are not required on 30 MPH streets.
- Divided (median) multi-lane roadways require supplemental advance and crossing signs in the median.
- Advance sign placement distance to be increased for horizontal and vertical curves, or other sight obstructions. Supplemental distance panels may be required.
- The dimensions listed are minimums, and greater dimensions may be required by the County Engineer.
- See FDOT Index No. 17346 for pavement marking information.
- Special Emphasis crosswalks are only to be used at locations not controlled by Stop sign or traffic signals.
- Clear sight distances for sidewalk and roadway must be maintained at all times.
- The fluorescent yellow-green background color for sign panels is restricted to school signage only.
- FDOT Index 304/310 and Spec 527 shall be followed for ADA Ramps

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.



MID-BLOCK PEDESTRIAN CROSSINGS SHOULD ONLY BE CONSIDERED AT LOCATIONS OF DOCUMENTED OR POTENTIAL HIGH PEDESTRIAN VOLUMES

TITLE: TRAFFIC CONTROL STANDARD  
PEDESTRIAN CROSSING

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-07

**HERNANDO COUNTY**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

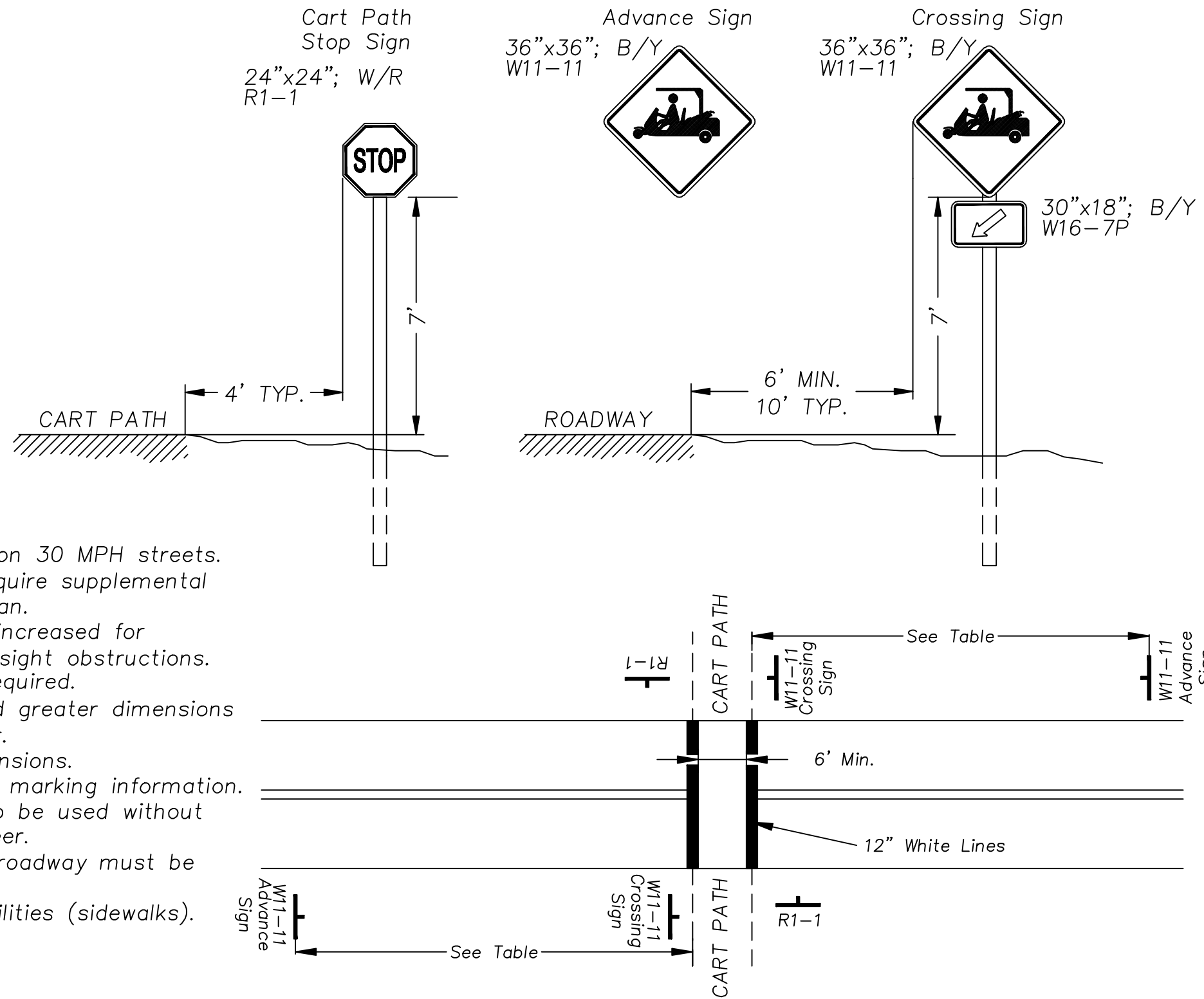
Design Speed (MPH)	Crossing Sign	Advance Sign
	W11-11/W16-7P	W11-11
30	YES	NO
35	YES	200'
40	YES	275'
45	YES	350'
50	YES	425'
55	YES	500'
60	YES	575'

Distances based on 2000 MUTCD, Table 2C-4, Advance Placement of Warning Signs, Condition C – decelerated to 10 MPH. Distances to be increased with horizontal and vertical curvature.

**GENERAL NOTES:**

- Advance warning signs are not required on 30 MPH streets.
- Divided (median) multi-lane roadways require supplemental advance and crossing signs in the median.
- Advance sign placement distance to be increased for horizontal and vertical curves, or other sight obstructions. Supplemental distance panels may be required.
- The dimensions listed are minimums, and greater dimensions may be required by the County Engineer.
- See plans for roadway construction dimensions.
- See FDOT Index No. 17346 for pavement marking information.
- Special Emphasis crosswalks shall NOT to be used without written approval from the County Engineer.
- Clear sight distances for cart path and roadway must be maintained at all times.
- Cart paths must stop for pedestrian facilities (sidewalks).

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.

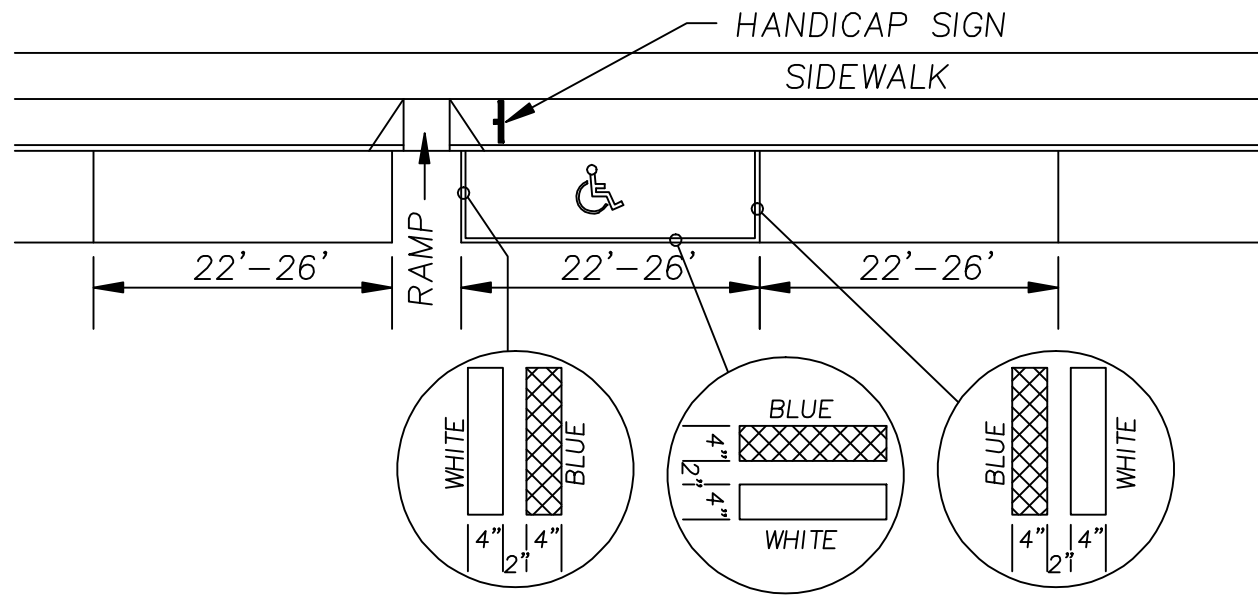


TITLE: TRAFFIC CONTROL STANDARD  
GOLF CART CROSSING

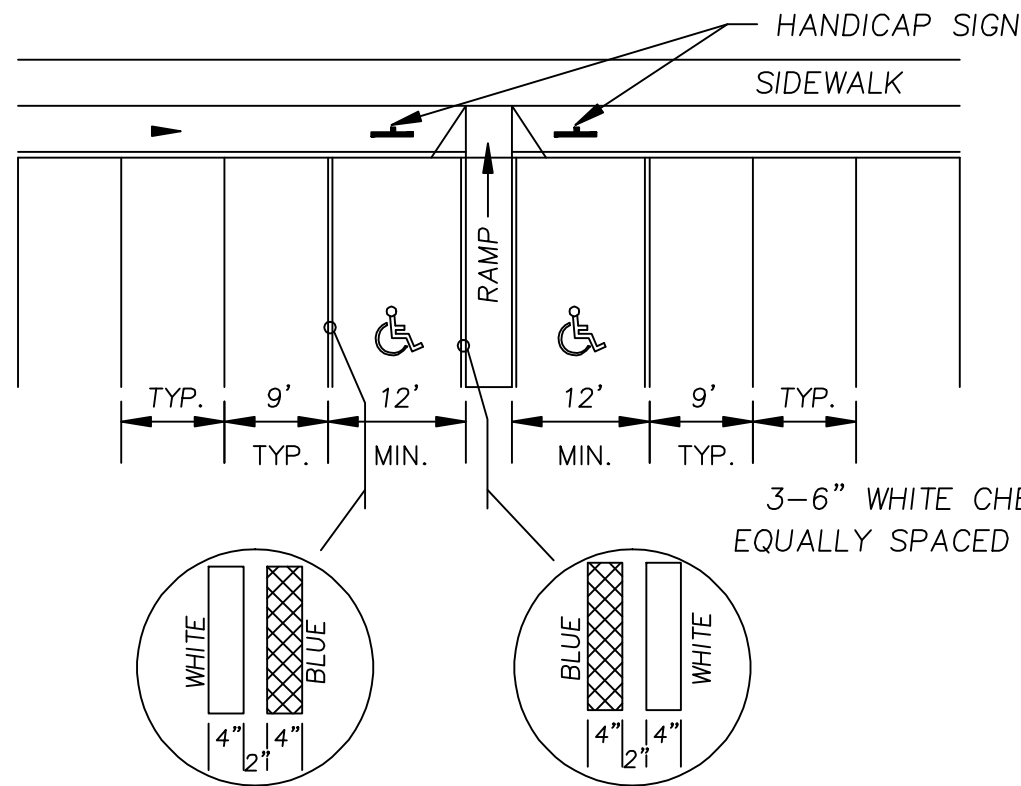
APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-08

**HERNANDO COUNTY**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

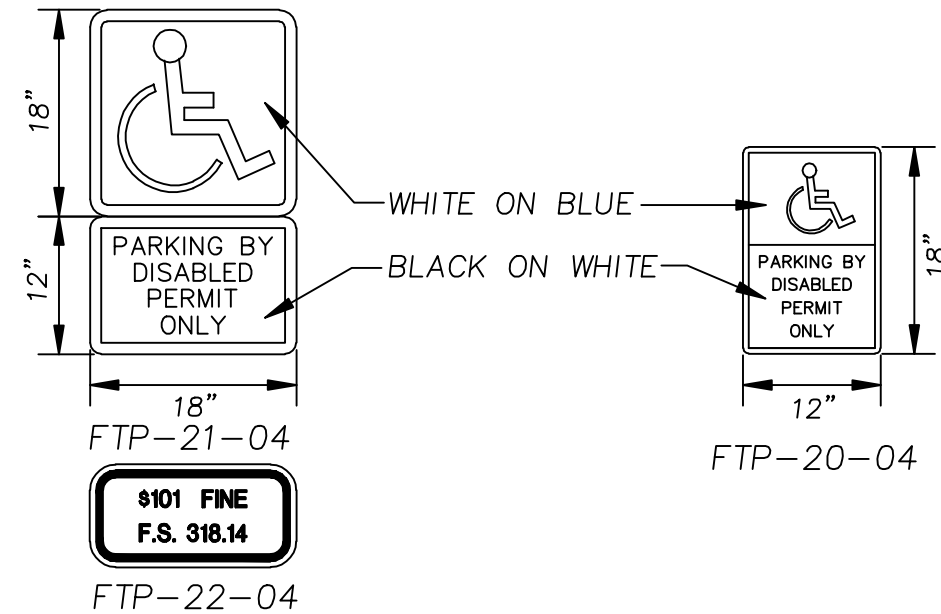
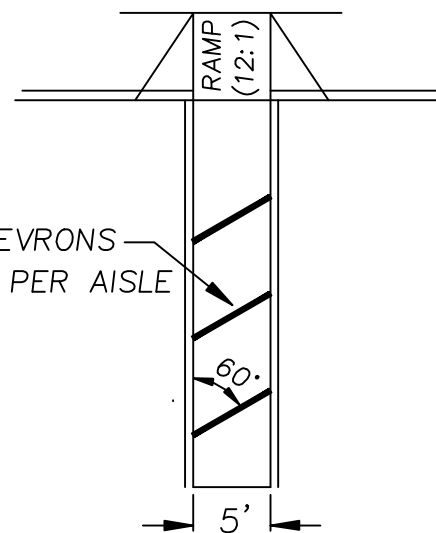




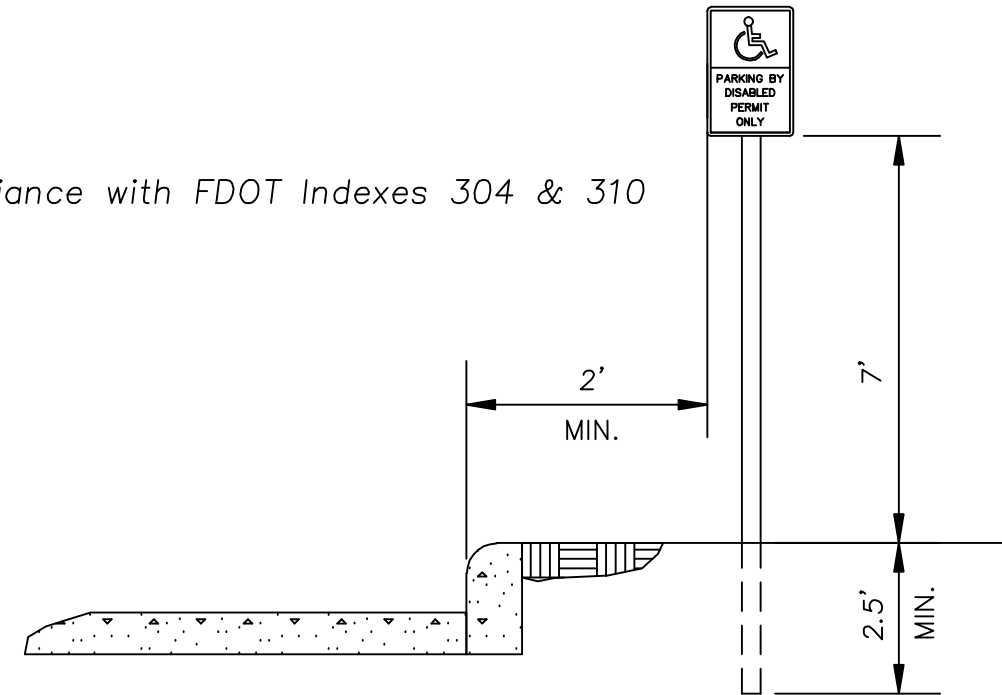
- All parking space lines to be 4" wide and white unless otherwise noted.
- Use of pavement symbol in handicapped parking spaces is optional, but when used shall be 3 ft. to 5 ft. high and white in color.
- The access aisle shall be striped diagonally to designate it as a no parking zone, and shall be white in color. Curb ramps must be located outside of disabled parking spaces and access aisles.



All ramps shall be in compliance with FDOT Indexes 304 & 310



(Signs erected after October 1, 1996, must indicate penalty for illegal use of the space)



- Handicap sign(s) may be affixed on permanent structures in lieu of installing on poles.

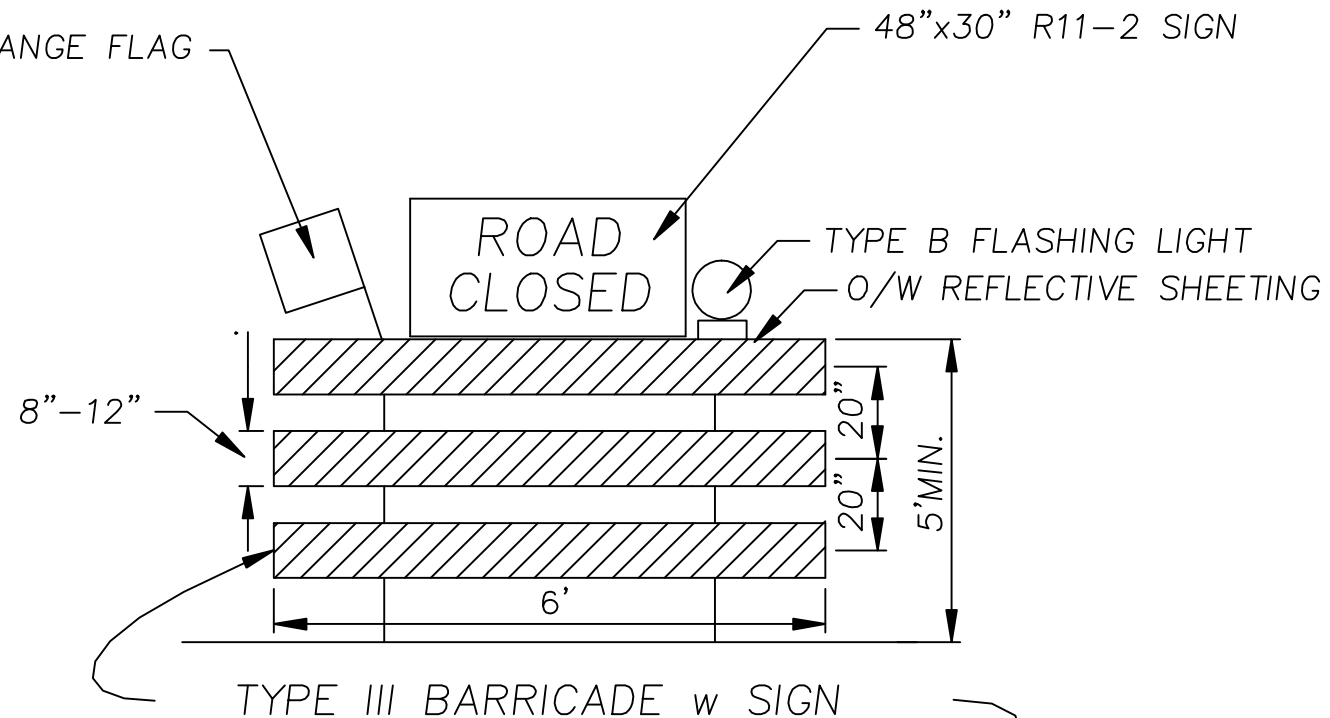
TITLE: TRAFFIC CONTROL STANDARD  
HANDICAP PARKING

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-09

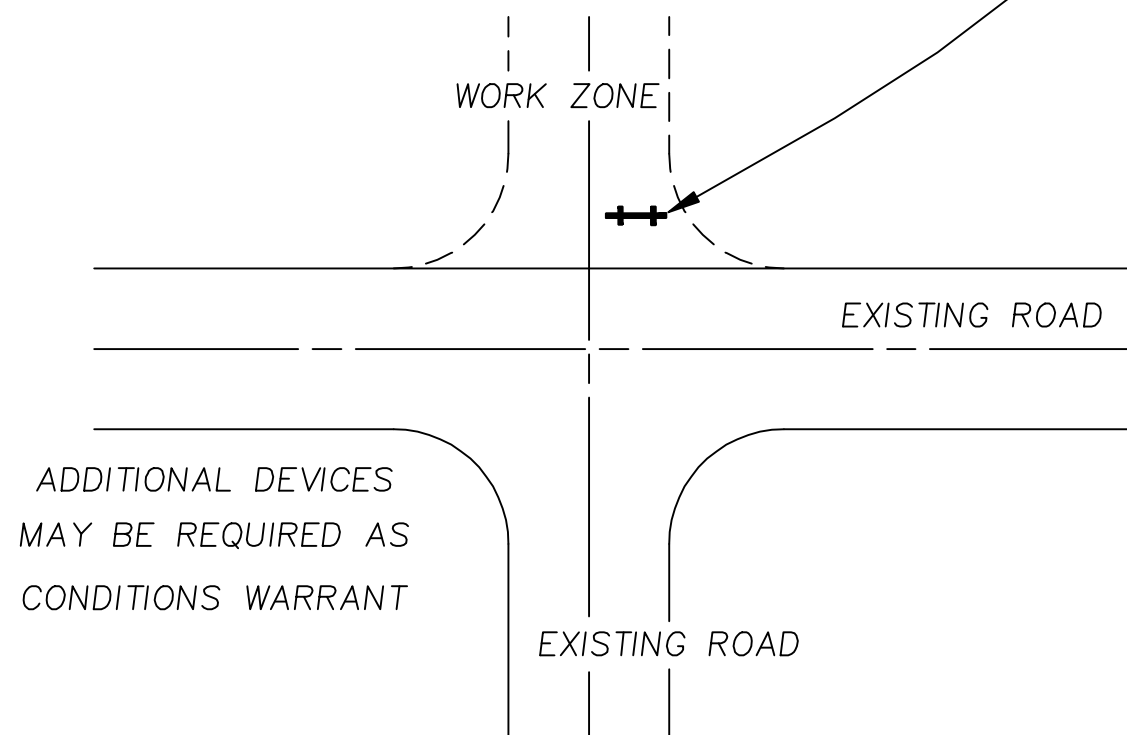
HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

18"x18" ORANGE FLAG

48"x30" R11-2 SIGN



TYPE III BARRICADE w SIGN



### NOTES

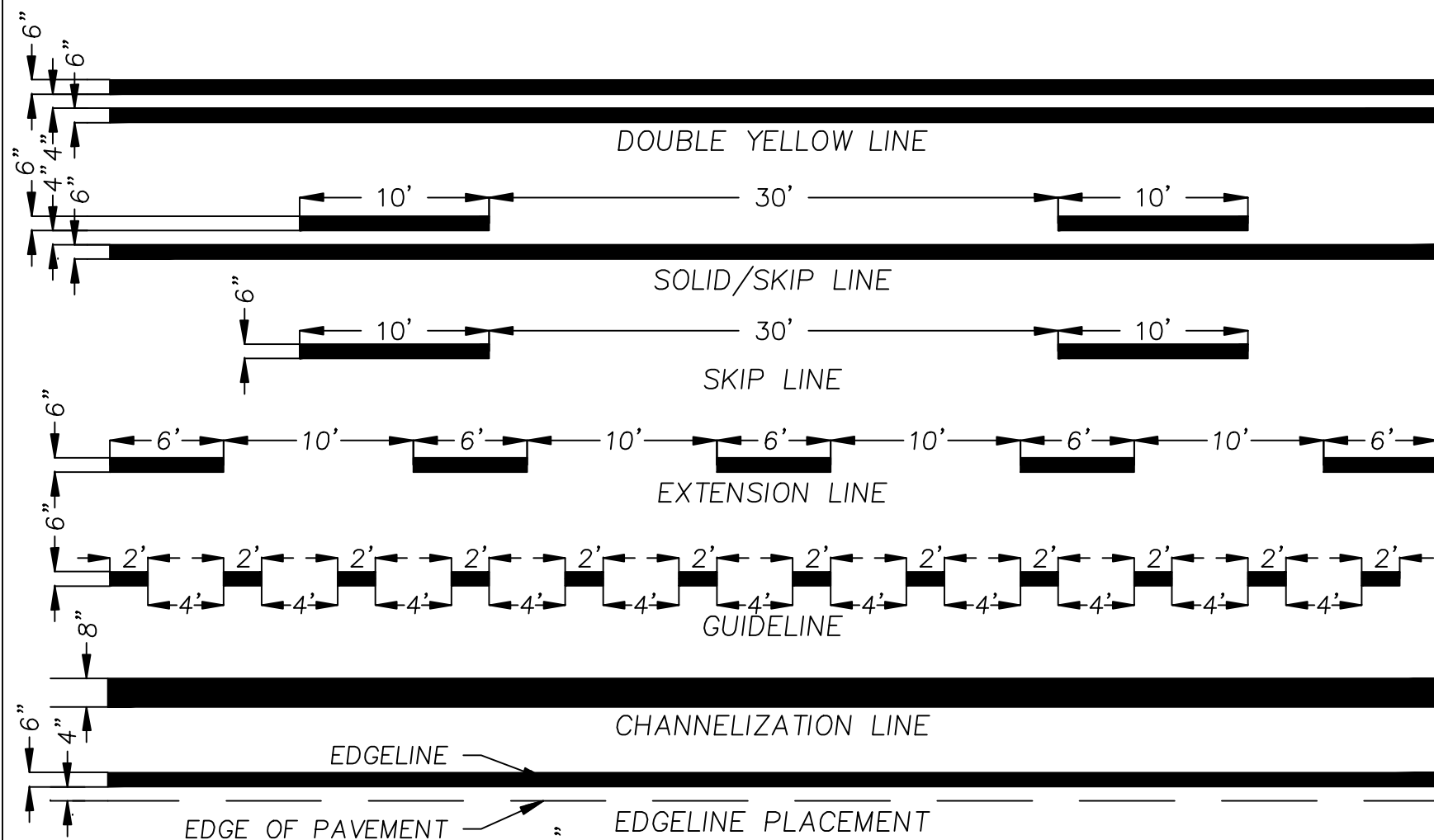
- All streets entering the construction zone shall receive Road Closure signage
- All Road Closed signs shall be accompanied by an 18"x18" orange flag and a type B hi-intensity flashing light.
- Other work zone traffic control devices may be required for construction. Refer to part VI of the M.U.T.C.D. and the 600 series of the F.D.O.T. Standards for additional details.
- Roadway(s) shall not to be opened to public travel until:
  - A. All permanent traffic control devices are in place;
  - B. Project is inspected and accepted.
- Type III barricades and road closed sign SHALL not block intersection/driveway sight distance.

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.

TITLE: TRAFFIC CONTROL STANDARD  
ROAD CLOSED SIGNAGE

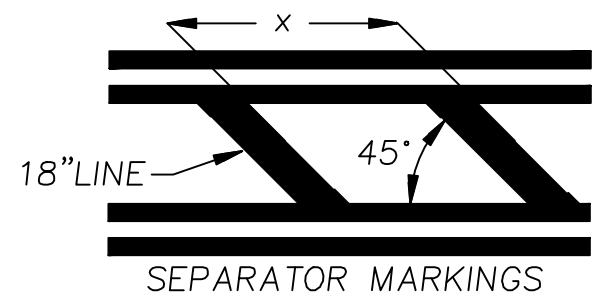
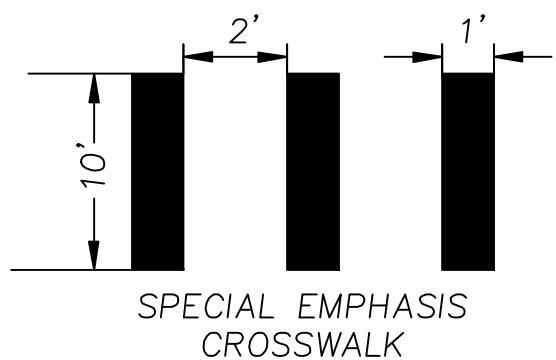
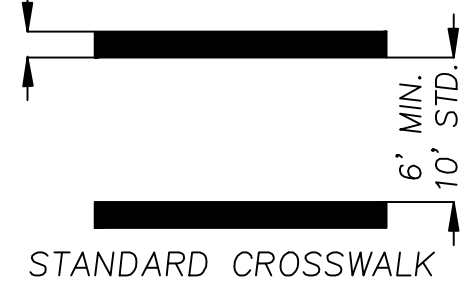
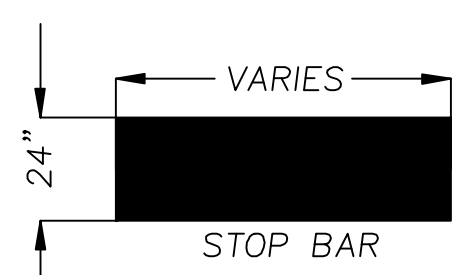
APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
NO.: V-10

**HERNANDO COUNTY**  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

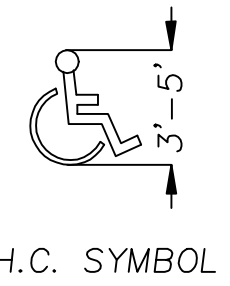
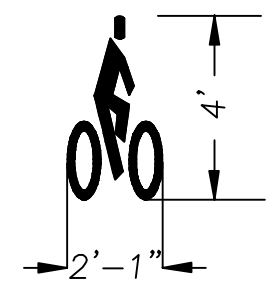
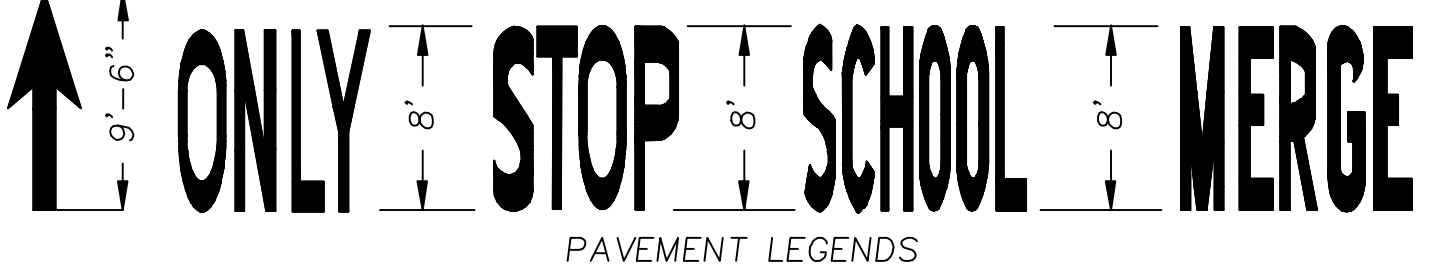
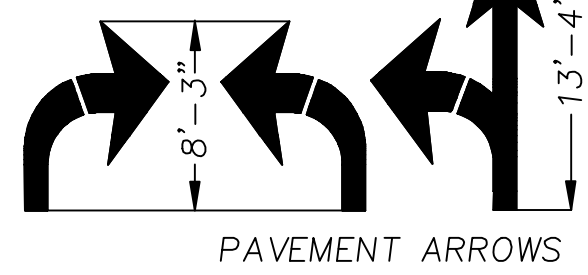


**NOTES:**

- See F.D.O.T. Index No's.17344 and 17346 for additional details.
- See Hernando County Facilities Guideline V-09 for Handicap Parking for parking lot striping.
- Pavement markings application and materials to comply with FDOT Standard Specifications for Road and Bridge Construction.
- Pavement arrows, pavement legends, stopbars, and crosswalks shall be thermoplastic or preformed unless previously approved in writing.
- All markings to replace or extend thermoplastic or preformed markings shall be same unless previously approved in writing.
- All conflicting markings shall be removed via an approved F.D.O.T. method of eradication.
- The installation of thermoplastic or preformed markings for new asphalt shall occur at least 30 days after the new asphalt is cured. The contractor/developer shall provide temporary pavement markings per the plans and M.U.T.C.D. until the permanent markings are installed.
- Work Zone Traffic Control Markings shall be full length by 75% width of the permanent markings.



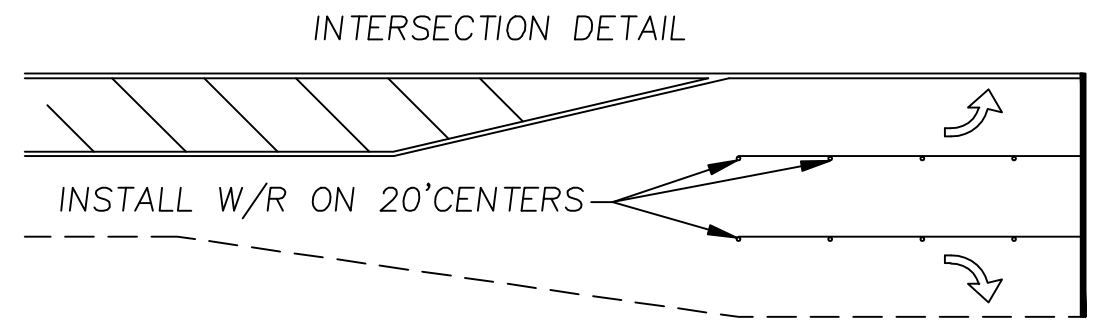
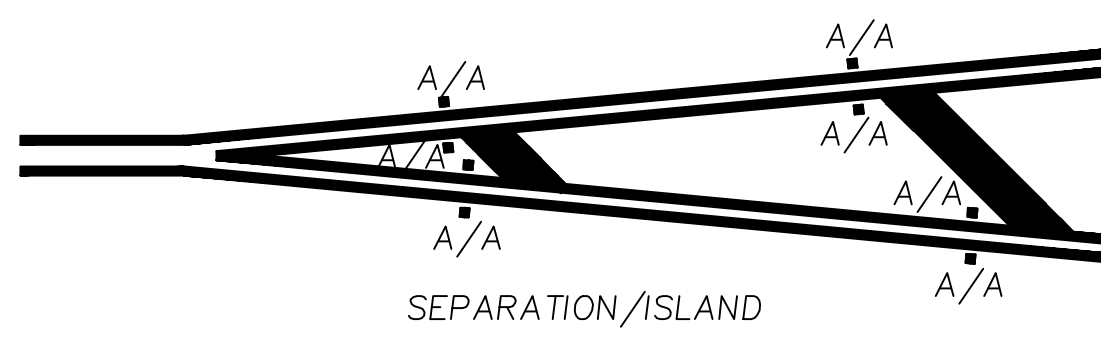
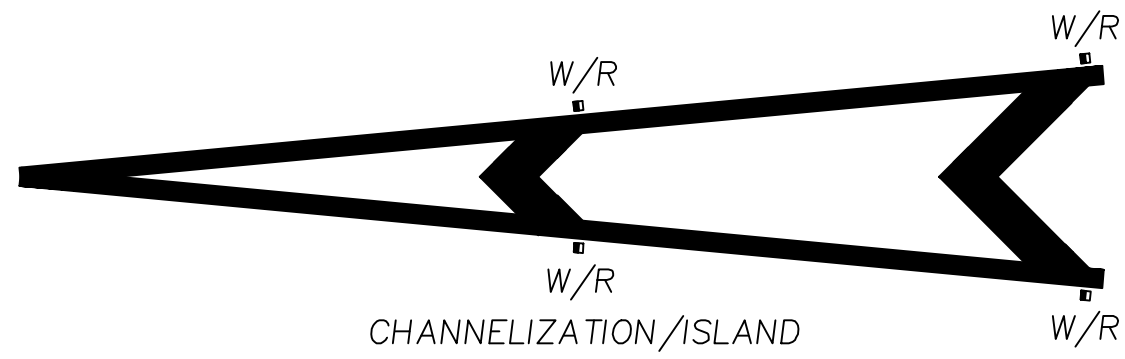
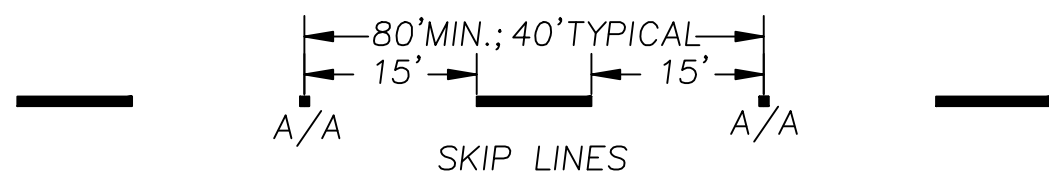
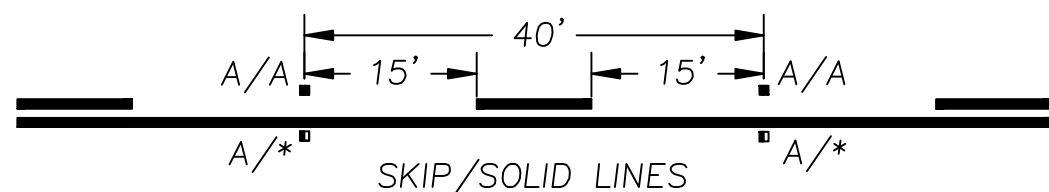
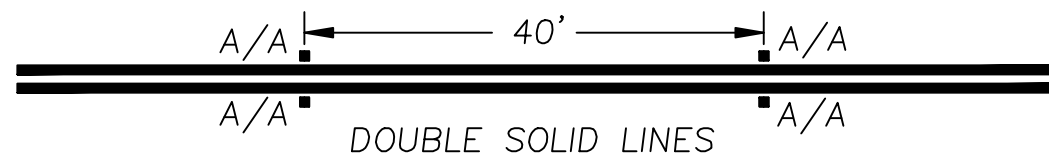
SPEED	x
<30MPH	10'
35-45	20'
>50MPH	40'



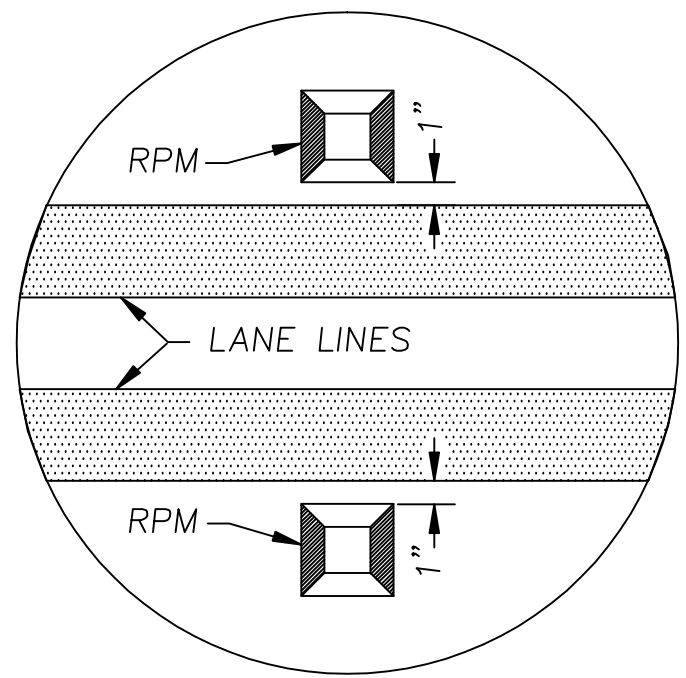
TITLE: TRAFFIC CONTROL STANDARD  
PAVEMENT MARKINGS

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-11

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



INSTALLATION DETAIL



MARKER TYPES

- TYPE 1 ARE AMBER/AMBER
- TYPE 2 ARE WHITE/RED
- TYPE 3 ARE AMBER/RED
- TYPE 4 ARE AMBER/BLANK
- TYPE 5 ARE WHITE/BLANK
- ...\*=BLANK

NOTES:

- See F.D.O.T. Index No. 17352 for additional details.
- Reflective pavement markers (RPM's) application and materials shall comply with the F.D.O.T. Standard Specifications for Road and Bridge Construction.
- All markers shall be Class B only per F.D.O.T. standard specifications 706.
- Markers shall only be installed using bituminous adhesive.
- All RPM's shall be spaced 1" offset from lines.
- Longitudinal spacing may be reduced for sharp curves and turns.
- Any roadway with RPM's existing shall receive new RPM's with any improvements.
- Low Profile RPM's will not be permitted.

TITLE: TRAFFIC CONTROL STANDARD  
REFLECTIVE PAVEMENT MARKERS

APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
ND: V-12

HERNANDO COUNTY  
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There are many various ways to accomplish the design of a traffic signal. The information contained on this sheet identifies some of the criteria for the design and construction of traffic signals in Hernando County.

1. All design and construction shall comply with the criteria set forth in the following publications:
  - FDOT Standard Specifications for Road and Bridge Construction, 2007, or latest;
  - FDOT Minimum Specifications for Traffic Control Signal Devices, 2000, or latest;
  - FDOT Design Standards (Index), 2008, or latest;
  - Hernando County Facility Design Guidelines, 2008.
2. Any roadway or intersection construction near an existing traffic signal may require reconstruction of parts or all of that signal. Traffic signals that are damaged during construction shall be repaired immediately at the contractor's expense.
3. Contact Public Works – Engineering for the latest format of traffic signal plans and specifications.
4. All new traffic signals shall be designed to FDOT standard mast arm specifications for 110 MPH, unless approved in writing by the County Engineer.
5. All new traffic signals shall include countdown pedestrian signals and detectors and ADA ramps unless otherwise approved in writing by the County Engineer.
6. All vehicular and pedestrian traffic signal indications shall be LED, with stainless steel hardware.
7. All vehicular traffic signal heads shall use tunnel visors. All east/west signal heads to have metal backplates.
8. Video detection (per County standards) is the preferred method of detection with mast arms. Loops are required for span wire supported signals.
9. All loops shall be Type 'F', 6' x 30', using a wrap pattern of 3-6-3, and the leading edge located 2' beyond the stop bar.
10. Signal power cables, detector cables, and fiber optic cables shall be located in separate conduits and pull boxes.
11. The controller cabinet assembly shall be FDOT Type V, with an Econolite TS-2-ASC 2s/2120-11 controller with all components as required per Hernando County specifications. Separate UPS cabinet required.
12. Street name signs shall be internally illuminated, and installed free swinging using County defined hardware.
13. Contractor shall provide 3 sets of "As-Built" plans, along with all documentation and testing, prior to project closeout.
14. All equipment shall be compatible with the Hernando County Signal System.
15. Any new signal proposed shall include fiber optic interconnect to any adjacent existing or programmed traffic signal within 1.0 mile.
16. Splices in fiber optic cable are not permitted between signal cabinets. New continuous cable between controller cabinets is required when the fiber optic is severed for any reason.
17. All fiber ends shall be fusion spliced to a "pigtail" with a ST type connector, and have an identification tag stating the buffer color, fiber color, and cable origin. All fibers shall be OTDR tested, with the results provided to the County.

TITLE: TRAFFIC CONTROL STANDARD  
TRAFFIC SIGNALS

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: V-13

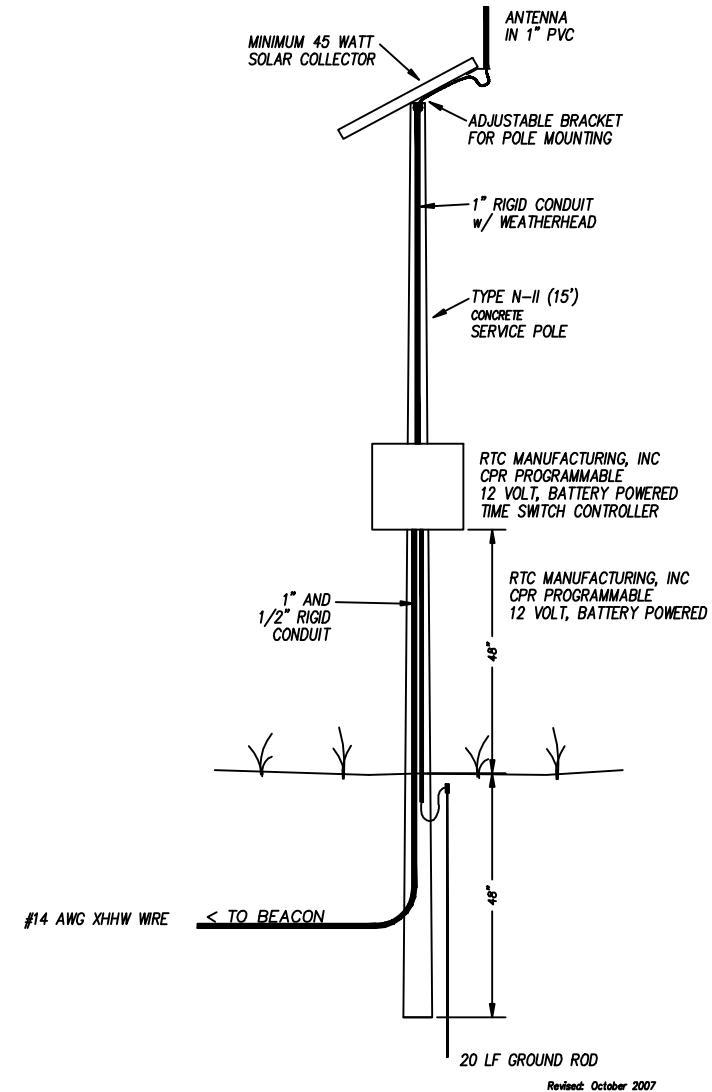
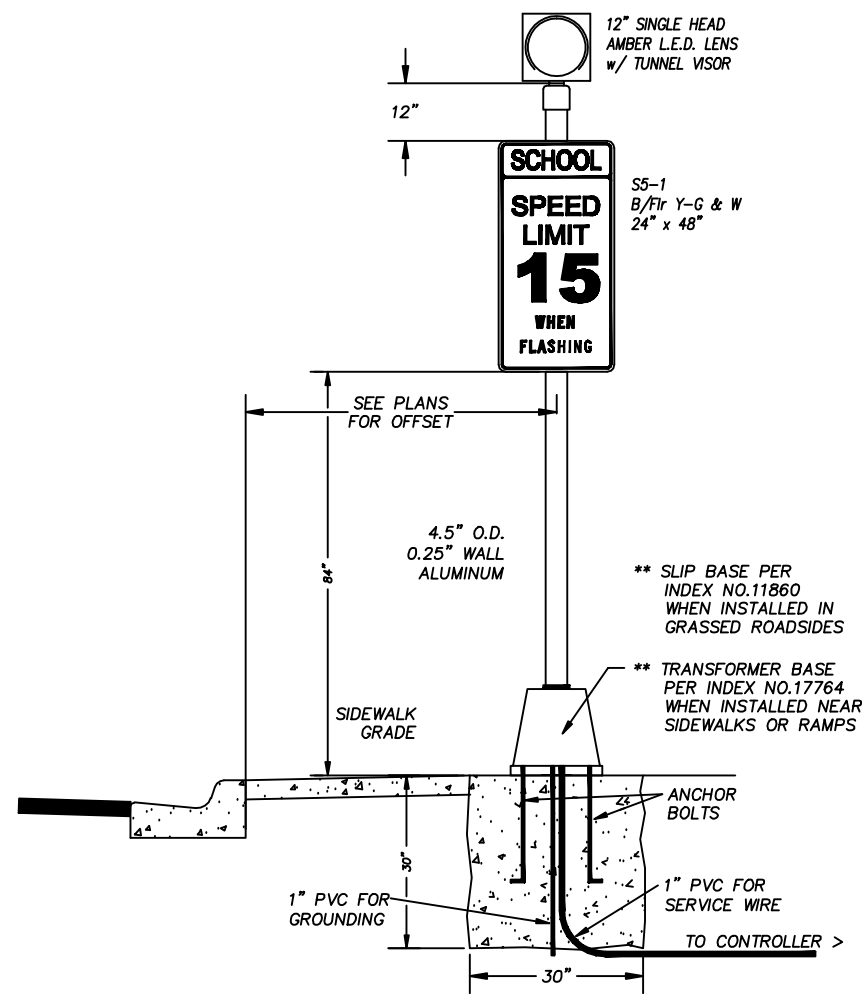
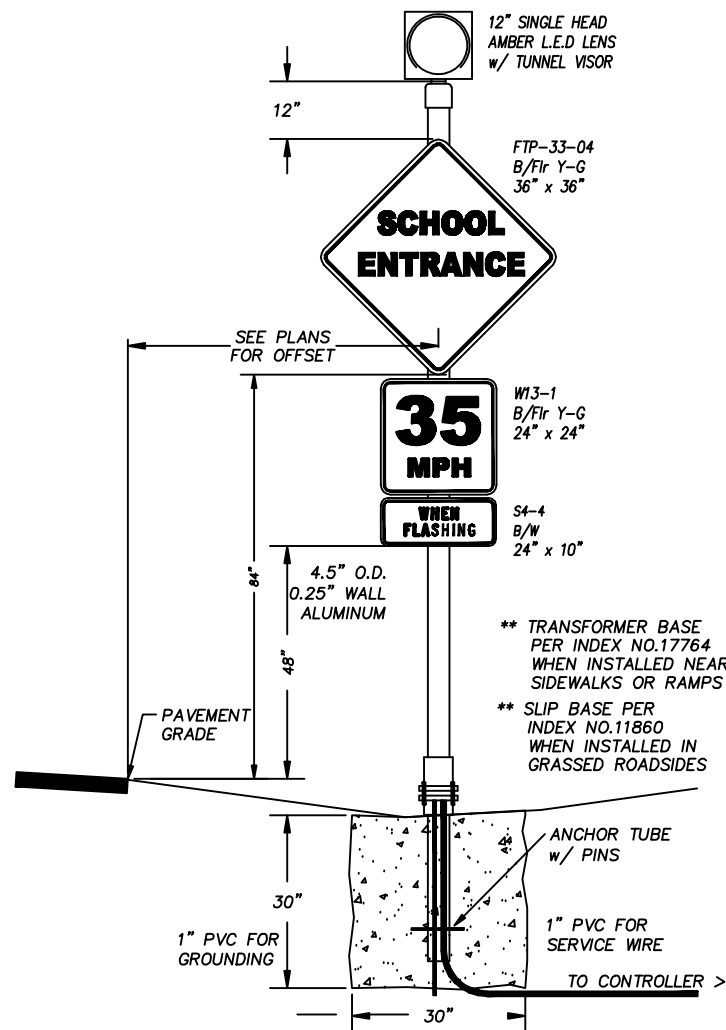
**HERNANDO COUNTY**  
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**GENERAL INFORMATION:**

1. The determination to install school beacons shall be based upon an analysis performed by a State of Florida Professional Engineer.
2. The design of school beacons is in conjunction with additional traffic signs and pavement markings. Use FDOT Index No.17344 for type and placement in the plans preparation.
3. All materials used in the construction of school beacons shall be listed in the current FDOT Approved Products List (APL), or shall have a product specification sheet from the manufacturer submitted for approval of use.
4. All work undertaken in the installation of school beacons shall be accomplished per FDOT Standard Specifications, and the FDOT Minimum Specifications for Traffic Control Signal Devices by qualified technicians.
5. The "School Entrance" warning sign / beacon assembly is intended for school sites with higher vehicular congestion and controlled pedestrian access. The regulatory "School Speed Limit" sign is for locations with established school crosswalks.
6. The speed limit displayed on school beacons is site specific as approved by the County Engineer.
7. All electronic traffic control devices in Hernando County right-of ways are operated by the Department of Public Works.

**TECHNICAL INFORMATION:**

- A. Each school zone beacon shall be designed as a separate and complete installation.
- B. School warning signs are the only signs in Hernando County to be fluorescent yellow-green background color.
- C. School beacon installations on sidewalks or other concrete areas shall use a frangible transformer base mount. school beacons installed in grassed areas along roadsides to utilize a slip base mount per FDOT Index no. 11864.
- D. Hernando County requires all new electronic school zone traffic control beacons to be compatible with its 12 volt solar charged, pager time clock system, manufactured by RTC Manufacturing, Inc. 800-782-8721.
- E. Contractors shall contact DPW Traffic Operations at 352-754-4060 to acquire the current CAP Code prior to ordering any RTC system.
- F. Hernando County will assign all beacon addresses.
- G. The time of operation of school beacons is determined by the County Engineer in accordance with documented conditions, and per Florida Statutes.
- H. School beacon controllers shall be installed on concrete service poles outside the prescribed clear zone. the service pole includes: pole, controller cabinet, with time clock, pager, receiver, battery and all necessary conduit, cable and hardware.



TITLE: TRAFFIC CONTROL STANDARD  
SCHOOL BEACONS

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
ND: V-14

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Revised: October 2007

WIRING COLOR CODE FOR  
12 CONDUCTOR CABLE / SOP 7  
(SOP 10 ADJUSTMENTS ARE IN PARENTHESIS)

TO PHASE

WIRE COLOR	CABLE 'A'	CABLE 'B'	INDICATION
1. GREEN	MAIN $\emptyset$ 2	MAIN $\emptyset$ 6	GREEN
2. ORANGE	MAIN $\emptyset$ 2	MAIN $\emptyset$ 6	YELLOW
3. RED	MAIN $\emptyset$ 2	MAIN $\emptyset$ 6	RED
4. GREEN/BLACK	MINOR $\emptyset$ 4	MINOR $\emptyset$ 8	GREEN
5. ORANGE/BLACK	MINOR $\emptyset$ 4	MINOR $\emptyset$ 8	YELLOW
6. RED/BLACK	MINOR $\emptyset$ 4	MINOR $\emptyset$ 8	RED
7. BLUE/BLACK	L/T $\emptyset$ 1 (L/T $\emptyset$ 7 IF SOP 10)	L/T $\emptyset$ 5 (L/T $\emptyset$ 3 IF SOP 10)	GREEN
8. BLACK/WHITE	L/T $\emptyset$ 1 (L/T $\emptyset$ 7 IF SOP 10)	L/T $\emptyset$ 5 (L/T $\emptyset$ 3 IF SOP 10)	YELLOW
9. WHITE/BLACK	SPARE (L/T $\emptyset$ 7 IF SOP 10)	SPARE (L/T $\emptyset$ 3 IF SOP 10)	RED - if 3 section is used
10. BLUE	L/T $\emptyset$ 3	L/T $\emptyset$ 7	GREEN (spare if 3 section only)
11. BLACK	L/T $\emptyset$ 3	L/T $\emptyset$ 7	YELLOW (spare if 3 section only)
12. WHITE	NEUTRAL RETURN	NEUTRAL RETURN	NONE

CABLE "C" TO BE ADDED WHEN  
PROTECTED LEFT TURNS ARE USED

1. GREEN	MAIN L/T $\emptyset$ 1	GREEN
2. ORANGE	MAIN L/T $\emptyset$ 1	YELLOW
3. RED	MAIN L/T $\emptyset$ 1	RED
4. GREEN/BLACK	MAIN L/T $\emptyset$ 5	GREEN
5. ORANGE/BLACK	MAIN L/T $\emptyset$ 5	YELLOW
6. RED/BLACK	MAIN L/T $\emptyset$ 5	RED
7. BLUE/BLACK	SPARE	SPARE
8. BLACK/WHITE	SPARE	SPARE
9. WHITE/BLACK	SPARE	SPARE
10. BLUE	SPARE	SPARE
11. BLACK	SPARE	SPARE
12. WHITE	NEUTRAL RETURN	NONE

WIRING COLOR CODE FOR  
18 CONDUCTOR CABLE / SOP 10

TO PHASE

WIRE COLOR	CABLE 'A'	CABLE 'B'	INDICATION
1. GREEN	MAIN $\emptyset$ 2	MAIN $\emptyset$ 6	GREEN
2. ORANGE	MAIN $\emptyset$ 2	MAIN $\emptyset$ 6	YELLOW
3. RED	MAIN $\emptyset$ 2	MAIN $\emptyset$ 6	RED
4. GREEN/BLACK	MINOR $\emptyset$ 4	MINOR $\emptyset$ 8	GREEN
5. ORANGE/BLACK	MINOR $\emptyset$ 4	MINOR $\emptyset$ 8	YELLOW
6. RED/BLACK	MINOR $\emptyset$ 4	MINOR $\emptyset$ 8	RED
7. BLUE/BLACK	L/T $\emptyset$ 1	L/T $\emptyset$ 5	GREEN
8. BLACK/WHITE	L/T $\emptyset$ 1	L/T $\emptyset$ 5	YELLOW
9. WHITE/BLACK	L/T $\emptyset$ 1	L/T $\emptyset$ 5	RED - spare if 5 section
10. BLUE	L/T $\emptyset$ 3	L/T $\emptyset$ 7	GREEN (spare or 5 section only)
11. BLACK	L/T $\emptyset$ 3	L/T $\emptyset$ 7	YELLOW (spare or 5 section only)
12. WHITE	NEUTRAL RETURN	NEUTRAL RETURN	NONE
13. GREEN/WHITE	L/T $\emptyset$ 3 (not for 5 section)	L/T $\emptyset$ 7 (not for 5 section)	GREEN (protected)
14. BLUE/WHITE	L/T $\emptyset$ 3 (not for 5 section)	L/T $\emptyset$ 7 (not for 5 section)	ORANGE (protected)
15. RED/WHITE	L/T $\emptyset$ 3 (not for 5 section)	L/T $\emptyset$ 7 (not for 5 section)	RED (protected)
16. BLACK/RED	SPARE	SPARE	
17. ORANGE/RED	SPARE	SPARE	
18. WHITE/RED	SPARE	SPARE	

NOTES:

- As per FDOT specifications; all signal head disconnects shall be capable of terminating all wires of the signal cable, this includes all spares, on the terminal block of the disconnect.
- Down sizing of the signal cables (dropping conductors) will not be accepted. There shall be the same amount of wires throughout all disconnects to the end disconnect.
- All cables shall be identified in the cabinet with a corresponding sheet and permanent indelible cable markers shall be attached to each conductor to identify its connection point.
- Any questions concerning the wiring color code to be used at a specific intersection, contact Hernando County DPW Traffic Division (352) 754-4060.
- Contact Hernando County DPW Traffic Engineering (352)754-4475 for color codes and terminations of fiber optic cables.

WIRING COLOR CODE FOR  
12 CONDUCTOR CABLE /  
PEDESTRIAN SIGNAL

WIRE COLOR	TO PHASE	INDICATION
1. GREEN	$\emptyset$ 2 OR 6	WALK
2. ORANGE	$\emptyset$ 2 OR 6	PEDESTRIAN PUSH BUTTON
3. RED	$\emptyset$ 2 OR 6	DON'T WALK
4. GREEN/BLACK	$\emptyset$ 4 OR 8	WALK
5. ORANGE/BLACK	$\emptyset$ 4 OR 8	PEDESTRIAN PUSH BUTTON
6. RED/BLACK	$\emptyset$ 4 OR 8	DON'T WALK
7. BLUE/BLACK	SPARE	
8. BLACK/WHITE	SPARE	
9. WHITE/BLACK	LOGIC GROUND	
10. BLUE	SPARE	
11. BLACK	SPARE	
12. WHITE	NEUTRAL	

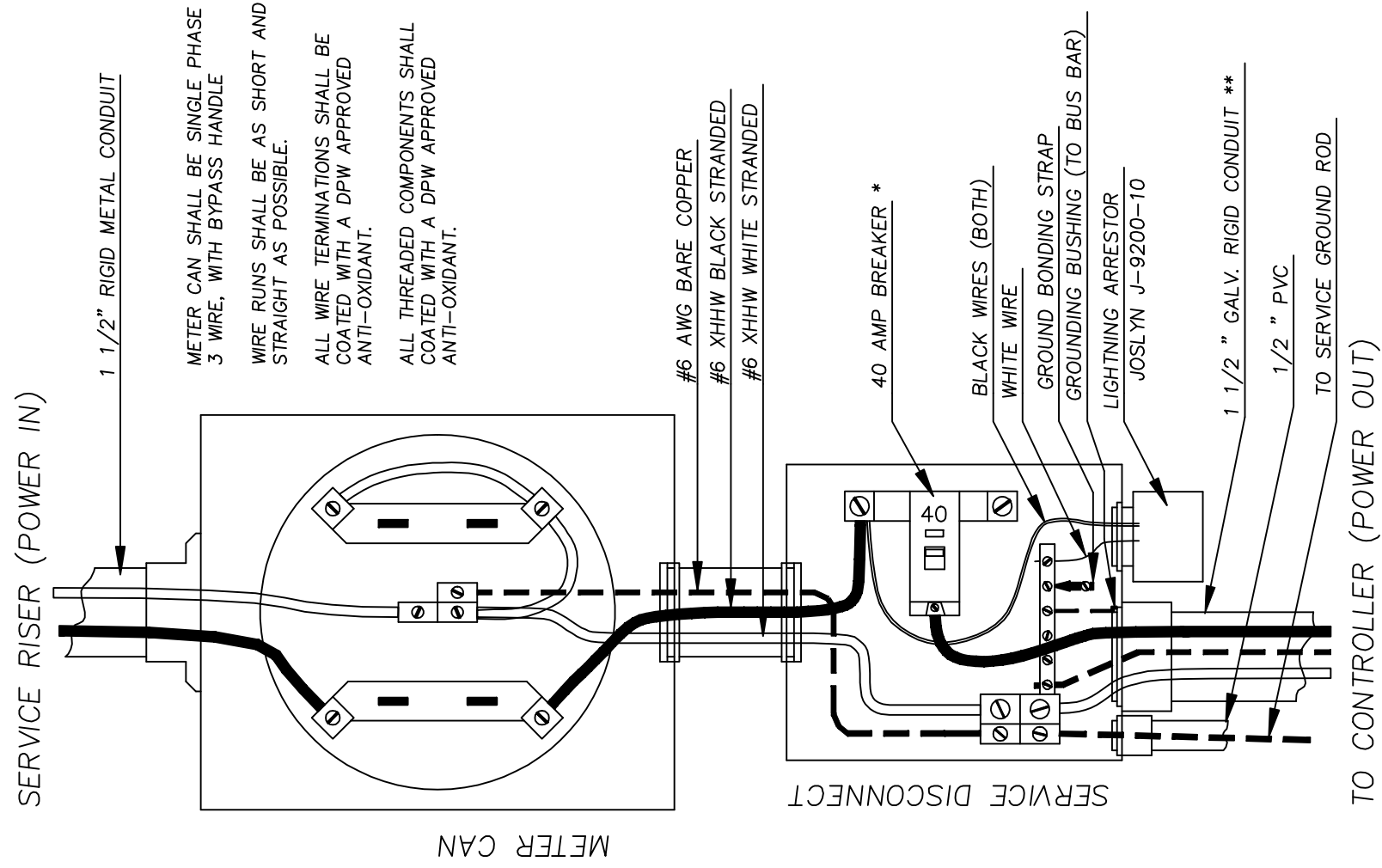
Note: Cables shall be marked as P-1, P-2, P-3, P-4, etc. to identify them. Permanent indelible cable markers shall be attached to each conductor to identify its connection point. A corresponding sheet shall be included in the cabinet to identify said cables and conductors, and specify what location each cable goes to.

TITLE: TRAFFIC CONTROL STANDARD  
SIGNAL WIRING COLOR CHART

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
ND: V-15

HERNANDO COUNTY  
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# POWER SERVICE ASSEMBLY



- \* FOR BEACONS A DOWNSIZED BREAKER OF 20 AMP. MINIMUM MAY BE USED DEPENDENT ON THE LOADING
- \*\* ON BEACON CABINETS, 1" NON-ARMoured FLEX LIQUID TIGHT MAY BE USED AS A SUBSTITUTE.  
NEC SHALL BE FOLLOWED FOR SIZING CONDUIT OF OVER 1"

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TITLE: TRAFFIC CONTROL STANDARD  
 POWER SERVICE DISCONNECT ASSEMBLY

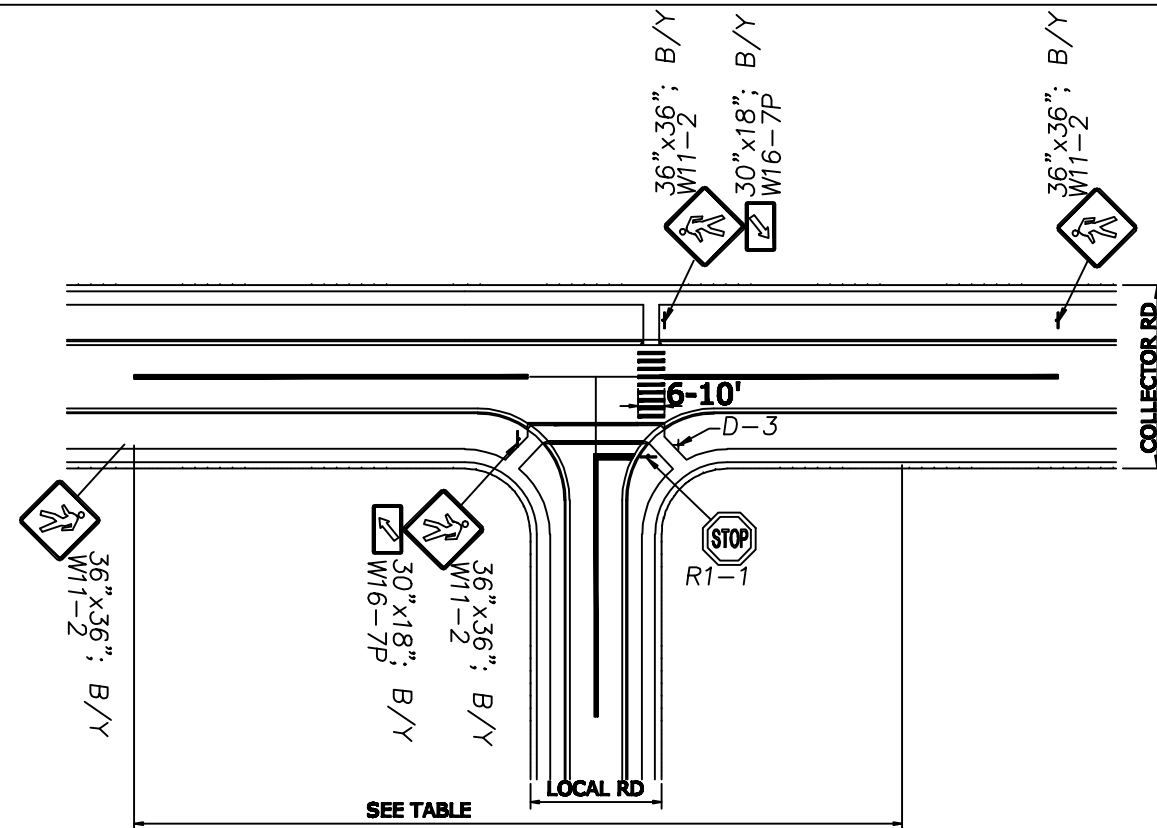
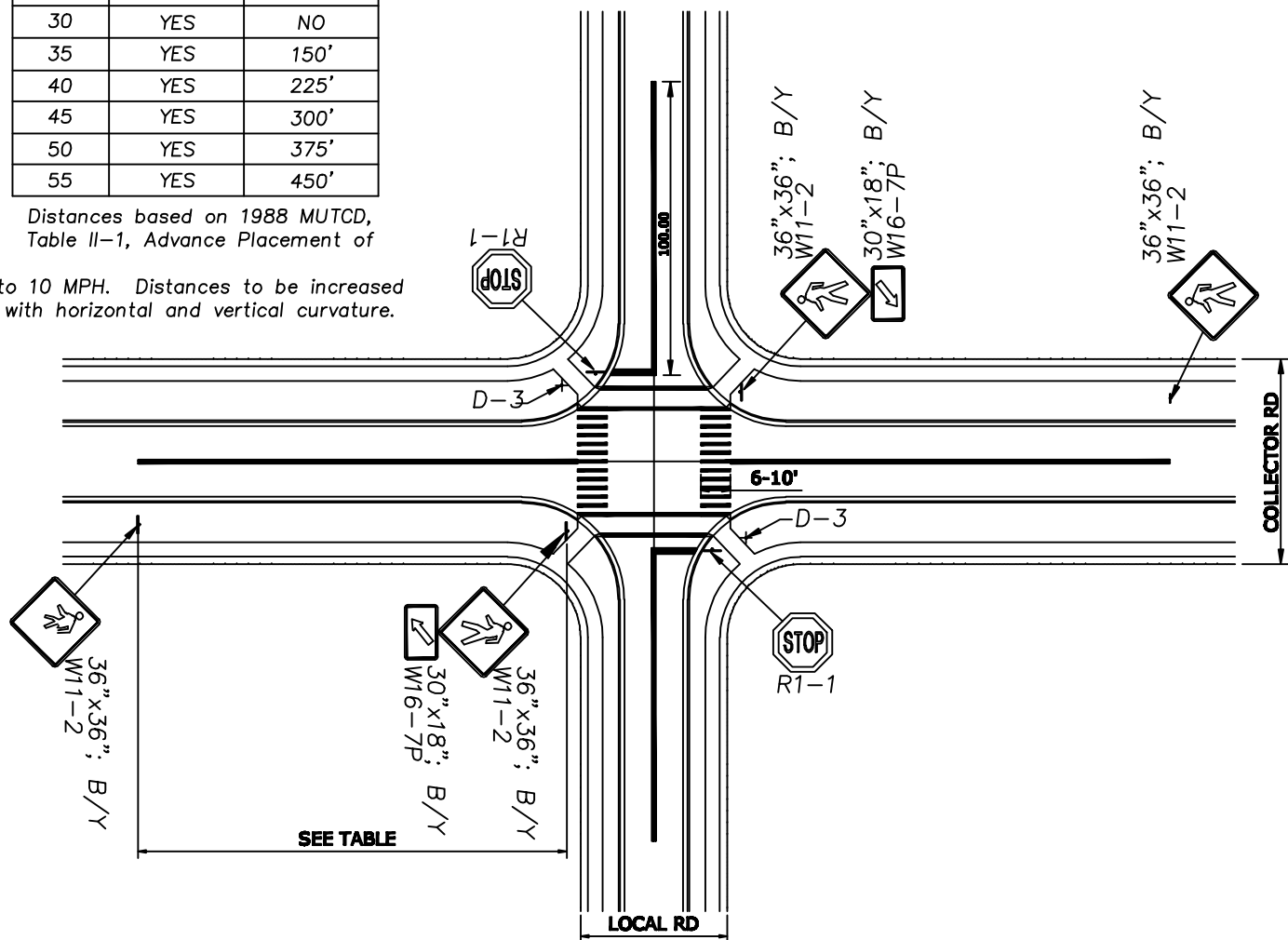
APPROVED BY: C. G. MIXSON, P. E. DATE: 10-01-08 NO.: V-16



Design Speed (MPH)	Crossing Sign	Advance Sign
	W11-2 W16-7p	W11-2
STOP	NO	NO
30	YES	NO
35	YES	150'
40	YES	225'
45	YES	300'
50	YES	375'
55	YES	450'

Distances based on 1988 MUTCD, Table II-1, Advance Placement of to 10 MPH. Distances to be increased with horizontal and vertical curvature.

All signs shall be Type III-A, high performance sheeting, which consists of encapsulated spherical lens elements.



TEE INTERSECTION SPECIFIC NOTES:

-There will be a minimum of two crossings at a Tee intersection. The first is parallel to the main road, the second is perpendicular to the main road generally on the right side of the Tee leg. This is a minimum of 3 curb recesses for the ADA ramps.

GENERAL NOTES ALL INTERSECTIONS:

- Advance warning signs are not required on 30 MPH streets.
- Divided (median) multi-lane roadways require supplemental advance and crossing signs in the median.
- Advance sign placement distance to be increased for horizontal and vertical curves, or other sight obstructions. Supplemental distance panels may be required.
- The distances listed are minimums, and greater dimensions may be required by the County Engineer.
- See FDOT Index 17346 for pavement marking information.
- Special Emphasis Crosswalks are only to be at locations not controlled by stop sign or traffic signals.
- Clear Sight Distance for sidewalk and roadway must be maintained at all times.
- The fluorescent yellow-green background color for sign panels is restricted to school signage only.
- ADA ramps and curb recesses shall comply with FDOT Indexes 304 & 310 and Spec 527.

TITLE: TRAFFIC CONTROL STANDARD  
INTERSECTION CROSSINGS

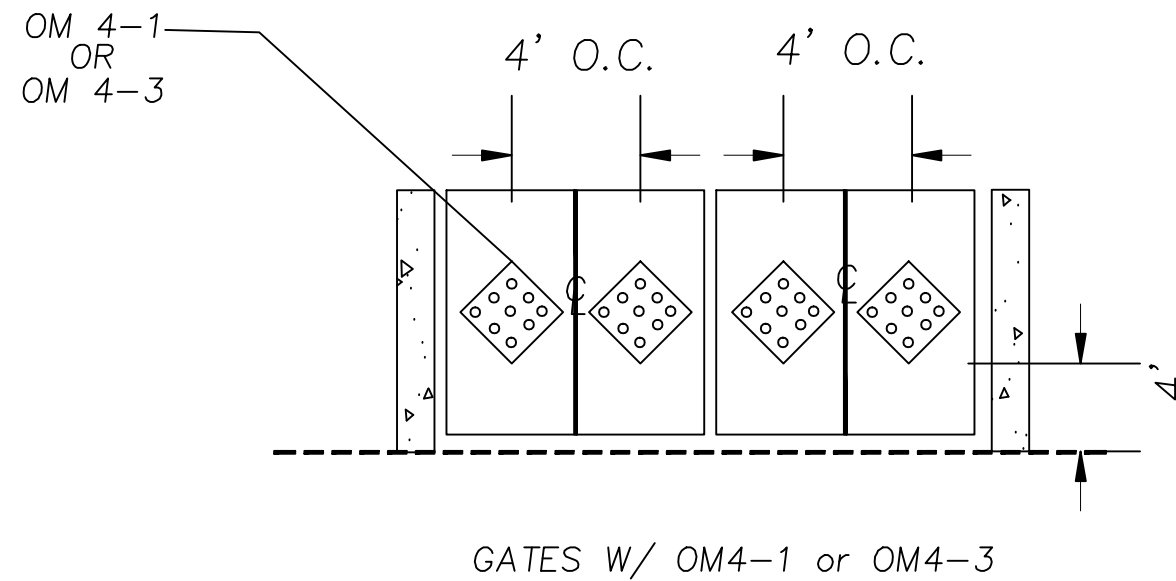
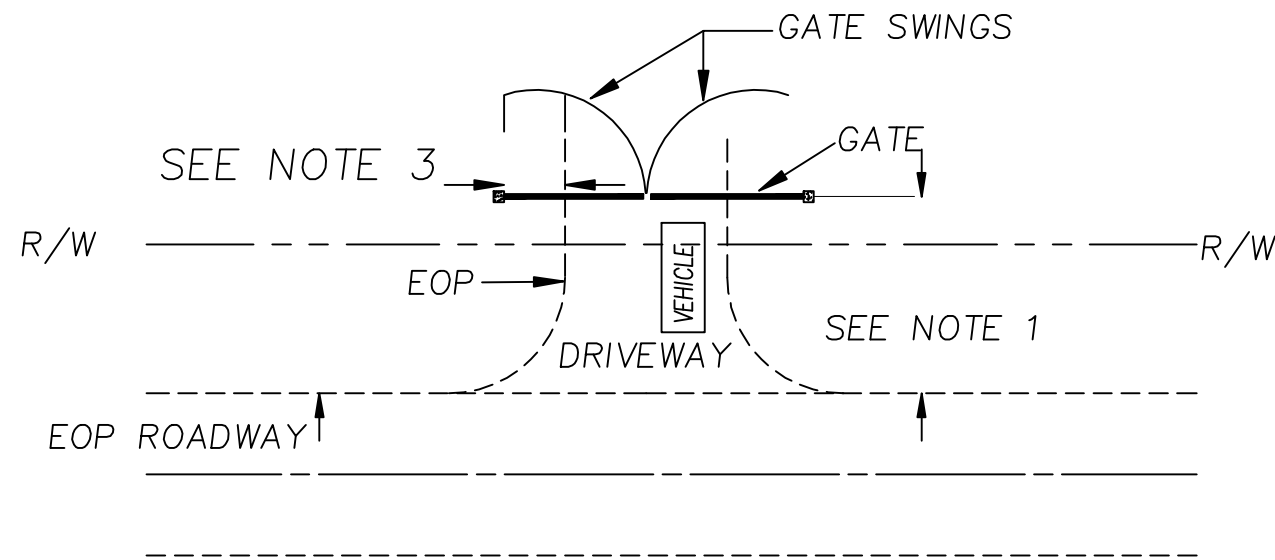
APPROVED BY: C. G. MIXSON, P.E. DATE: 10-01-08 NO.: V-17

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# GATES

**NOTES:**

1. GATES SHALL BE SET BACK FROM THE CLOSEST EDGE OF PAVEMENT 1.5 TIMES THE LENGTH OF THE LONGEST PROPOSED VEHICLE TO REGULARLY USE THE GATE, OR DEPENDENT ON THE TRAFFIC STUDY, IF WAS ONE DONE
2. GATES SHALL OPEN INWARD ONTO PRIVATE PROPERTY, NOT TOWARDS THE ROADWAY.
3. THE FDOT MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN AND MAINTENANCE FOR STREETS AND HIGHWAYS ( THE FLORIDA GREENBOOK), GOVERNS THE GATE FEATURE PHYSICAL LOCATIONS. NO PORTION OF THE GATE SUPPORTS SHALL BE CLOSER THAN 6' FROM THE EDGE OF PAVEMENT, OR 18" FROM THE BACK OF CURB, IF A 6" UPRIGHT CURB. CURBING MUST BE 50' ON ENTRANCE SIDE AND 10' ON EXIT SIDE OF GATE..
4. THE CLEAR SITE TRIANGLE IS GOVERNED BY FDOT INDEX 546 FOR ANY OBJECT INSTALLATION.
5. THE MINIMUM RADII FOR THE TURN AROUND IN FRONT OF THE GATES SHALL ACCOMMODATE A SU CLASS VEHICLE, IF REQUIRED.
6. TWO (2) RED OBJECT MARKERS, OM4-1 OR OM4-3 SHALL BE INSTALLED 4' ON CENTER, 4' ABOVE PAVEMENT GRADE ON THE FRONT AND BACK OF EACH GATE.
7. ADDITIONAL SIGNAGE AND PAVEMENT MARKINGS MAY BE REQUIRED.



TITLE: TRAFFIC CONTROL STANDARD  
 GATE LOCATIONS

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: V-18

**HERNANDO COUNTY**  
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