

STANDARD
CONSTRUCTION
DETAILS

TRAFFIC

AUGUST 2010

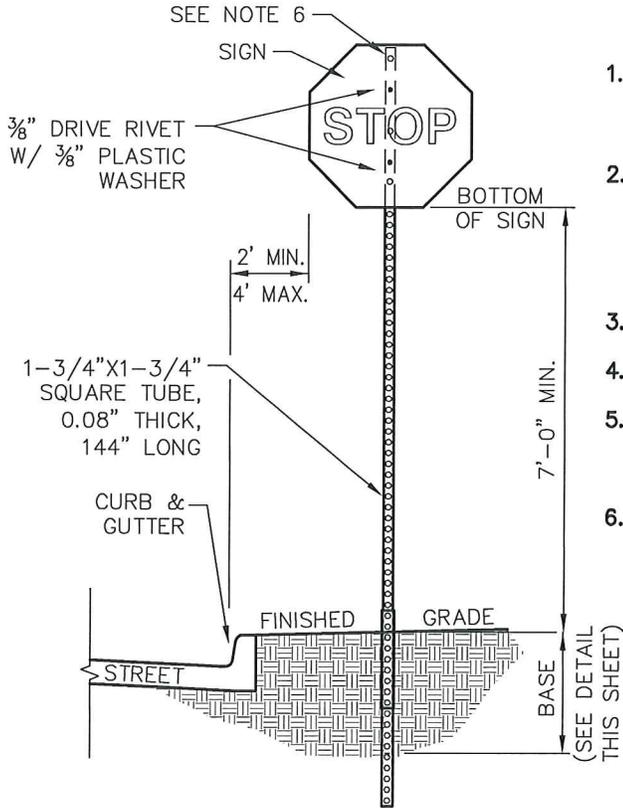
Addison![®]

PUBLIC WORKS DEPARTMENT

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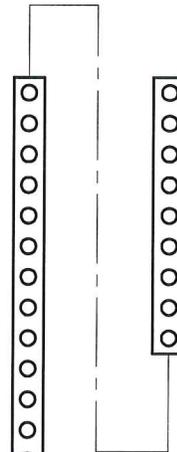
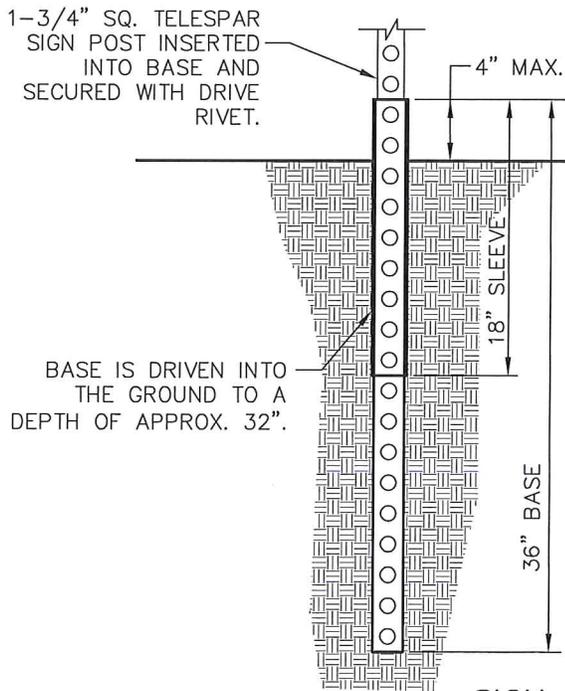


TYPICAL POST DETAIL

NTS

TRAFFIC CONTROL NOTES:

1. ALL SIGNAGE, BARRICADES, AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2006) AND THE STANDARD HIGHWAY SIGN DESIGNS FOR TEXAS (2010).
2. LOCATIONS SHOWN FOR SIGNAGE AND PAVEMENT MARKINGS ARE APPROXIMATE; FINAL LOCATIONS MAY CHANGE DUE TO POST CONSTRUCTION CONDITIONS AND PRESENCE OF OTHER PHYSICAL FEATURES. FINAL LOCATION OF ALL TRAFFIC CONTROL DEVICES SHALL BE FIELD VERIFIED WITH THE PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION.
3. ALL SIGNS SHALL BE HIGH INTENSITY AND THE SIZES SHALL BE STANDARD UNLESS OTHERWISE NOTED.
4. ALL SIGNS, POSTS, AND MATERIALS SHALL BE INSTALLED PER DETAILS IN THIS MANUAL.
5. FOR STOP SIGNS THAT WILL ACCEPT FUTURE STREET SIGNS, EXTEND POST ABOVE THE STOP SIGN SO THAT 2 HOLES ARE AVAILABLE FOR MOUNTING. FOR ALL OTHERS, POST SHALL NOT EXTEND ABOVE THE SIGN.
6. CHANGES TO TYPICAL SIGN POST LOCATION MADE AT ENGINEER'S DISCRETION.



SLEEVE: TELESPAR
(ALLIED TUBE, INC.
OR APPROVED EQUAL)
2-1/4" SQ. TUBING,
18" LENGTH

SIGN BASE DETAIL IN TURF

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PUBLIC WORKS DEPARTMENT

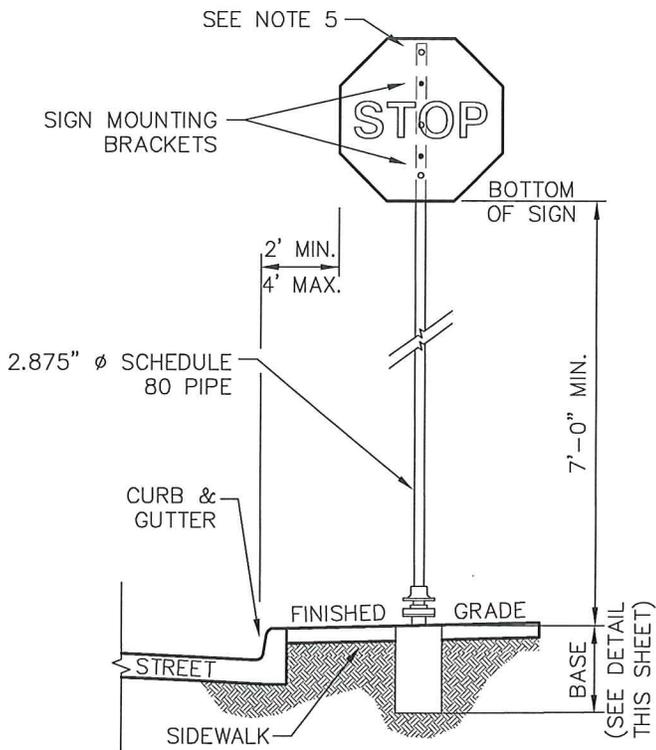
SIGN POST IN TURF
DETAIL

STANDARD CONSTRUCTION DETAILS
TRAFFIC

DATE:
AUGUST, 2010

REV DATE:
-

SHEET :
SD-T01



**TYPICAL POST
DETAIL**

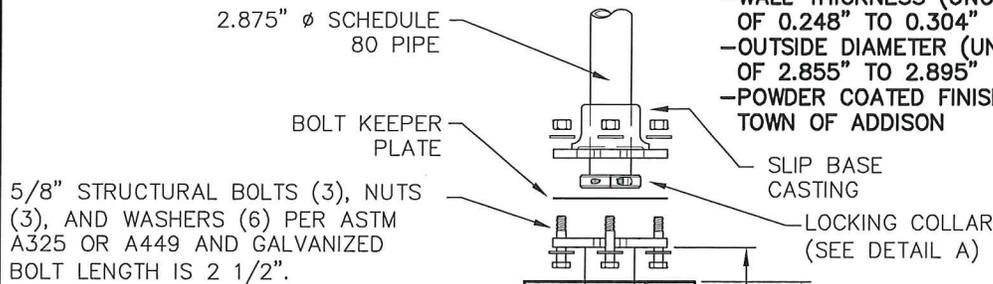
NTS

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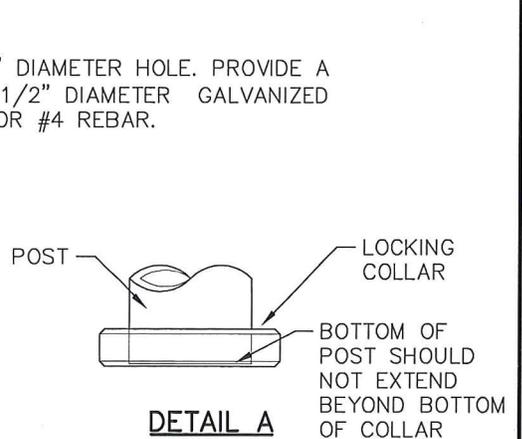
SPECIFICATIONS FOR SCHEDULE 80 PIPE (2.875" OUTSIDE DIAMETER)

- 0.267" NOMINAL WALL THICKNESS
- STEEL TUBING PER ASTM A500 Gr C
- OTHER SEAMLESS OR ELECTRIC-RESISTANCE WELDED STEEL TUBING OR PIPE WITH EQUIVALENT
- OUTSIDE DIAMETER AND WALL THICKNESS MAY BE USED IF THEY MEET THE FOLLOWING:
 - 46,000 PSI MINIMUM YIELD STRENGTH
 - 62,000 PSI MINIMUM TENSILE STRENGTH
 - 21% MINIMUM ELONGATION IN 2"
- WALL THICKNESS (UNCOATED) SHALL BE WITHIN THE RANGE OF 0.248" TO 0.304"
- OUTSIDE DIAMETER (UNCOATED) SHALL BE WITHIN THE RANGE OF 2.855" TO 2.895"
- POWDER COATED FINISH, COLOR TO BE SELECTED BY THE TOWN OF ADDISON



SIGN BASE DETAIL

NTS



DETAIL A

NTS

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PUBLIC WORKS DEPARTMENT

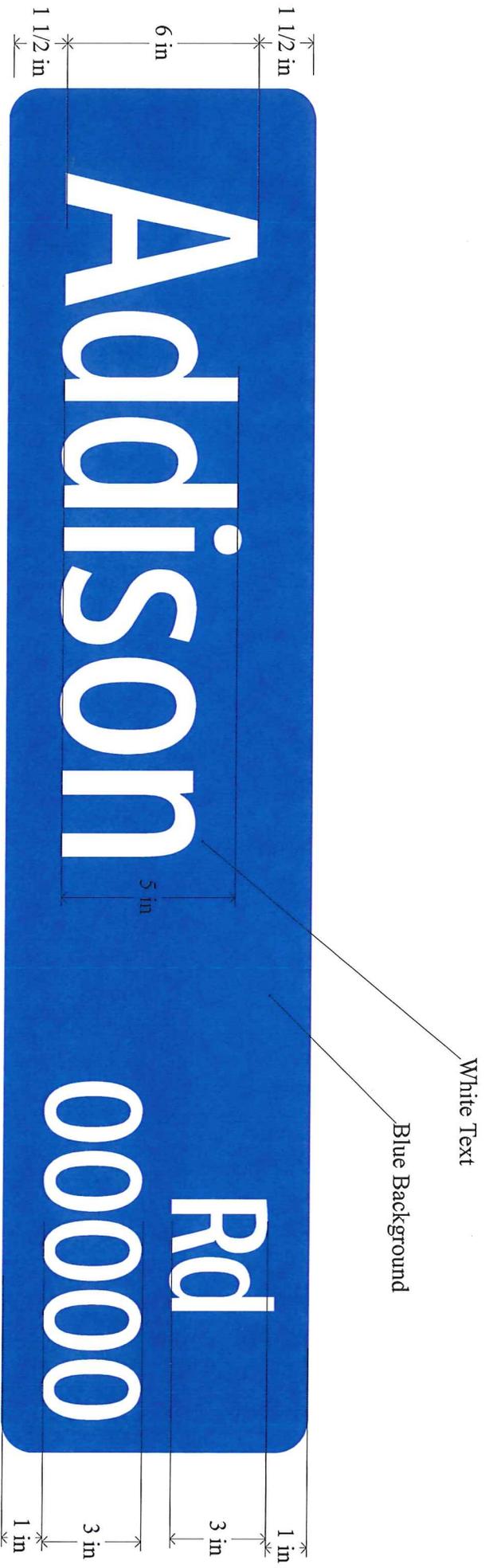
SIGN POST IN
SIDEWALK DETAIL

STANDARD CONSTRUCTION DETAILS
TRAFFIC

DATE:
AUGUST, 2010

REV DATE:
-

SHEET :
SD-T02



Notes:

1. Contractor shall place signs in conformance with the 2009 "Manual on Uniform Traffic Control Devices".
2. Contractor shall submit the sign design to the Town of Addison Engineer for approval prior to sign fabrication.
3. The general layout of the sign shall be as shown in the graphic above.
4. The sign shall be fabricated on an aluminum substrate 0.080" thick, and shall be 9" in height. The length of the sign shall be proportionate to the street name. The substrate shall have an appropriate radius on all four corners and shall be flat in design. (Extruded substrates are not acceptable)
5. Sign backgrounds shall be sheeted with White high Intensity Prismatic sheeting (type IV).
6. Sign legends shall be applied using EC Film overlay. Sheeting and EC Film material will be of same manufacture.
7. Street name lettering shall be 6" first letter and 5" there after. The suffix and block numbers are to be 3". The font of all lettering and numbers shall be Clearview 2W series.

WHITE THERMO LETTERING
"ONLY" TO BE USED ON
PRINCIPLE ARTERIALS AT
INTERSECTIONS

WHITE THERMO TURN
ARROW 125 MIL.
THICKNESS

SEE DETAIL "A" ON
TYPICAL PAVEMENT
MARKING DETAIL
SHEET

24" TYPE 1 WHITE
THERMO STOP BAR
125 MIL. THICKNESS

12" TYPE 1 WHITE
THERMO
TRANSVERSE
CROSS WALK 125
MIL. THICKNESS

ARTERIAL

8" WHITE TYPE I SOLID
THERMO. 90 MIL. THICKNESS

WHITE R.P.M. TYPE II C-R

SEE DETAIL "B" ON
TYPICAL PAVEMENT
MARKING DETAIL
SHEET

12" YELLOW TYPE I THERMO
90 MIL. THICKNESS

4" WHITE STANDARD
DASHED LINE THERMO 90
MIL. THICKNESS

4" DOUBLE YELLOW TYPE I
THERMO 90 MIL. THICKNESS

COLLECTOR

NOTE:

1. BUTTONS AND MARKERS TO BE PLACED USING EPOXY ON CONCRETE AND BITUMINOUS COMPOUND ON ASPHALT.
2. SEE SHEET SD-T05 FOR LANE MARKING DETAILS.

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PUBLIC WORKS DEPARTMENT

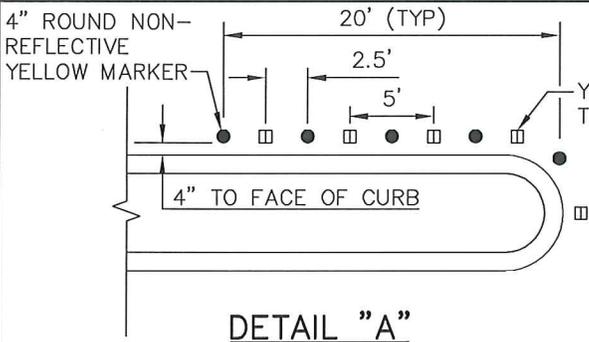
TYPICAL PAVEMENT
MARKING LAYOUT

STANDARD CONSTRUCTION DETAILS
TRAFFIC

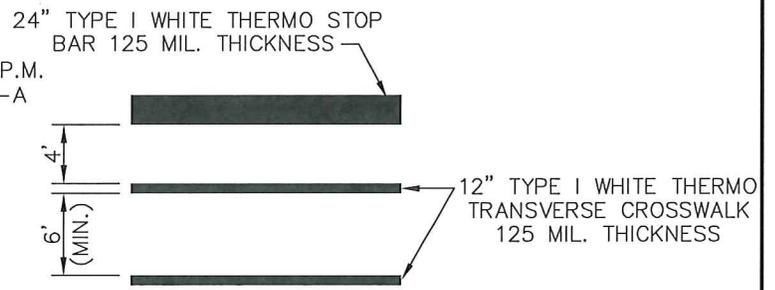
DATE:
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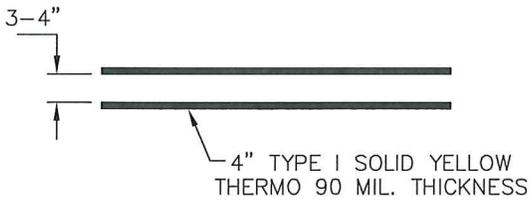
SHEET :
SD-T04



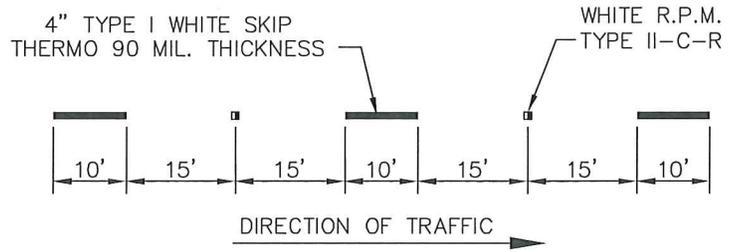
DETAIL "A"
NTS



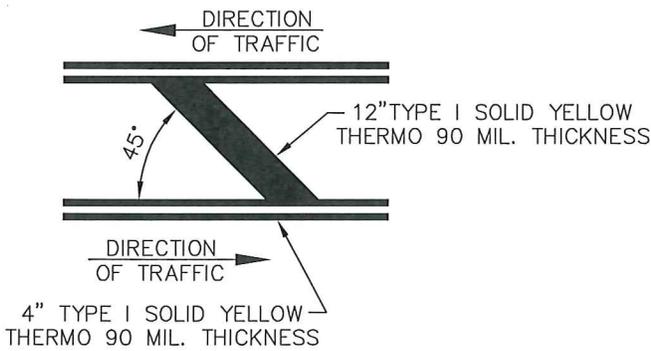
CROSSWALK STRIPING LAYOUT
NTS



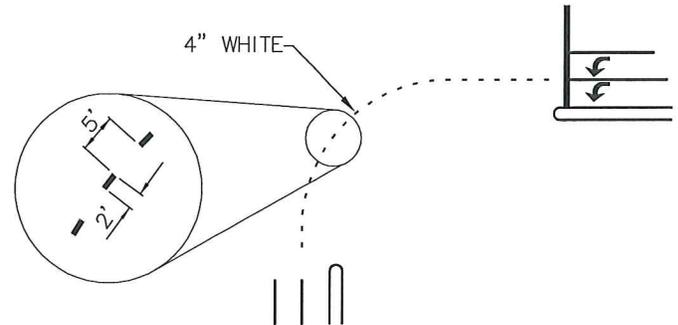
STANDARD DOUBLE YELLOW LINE
NTS



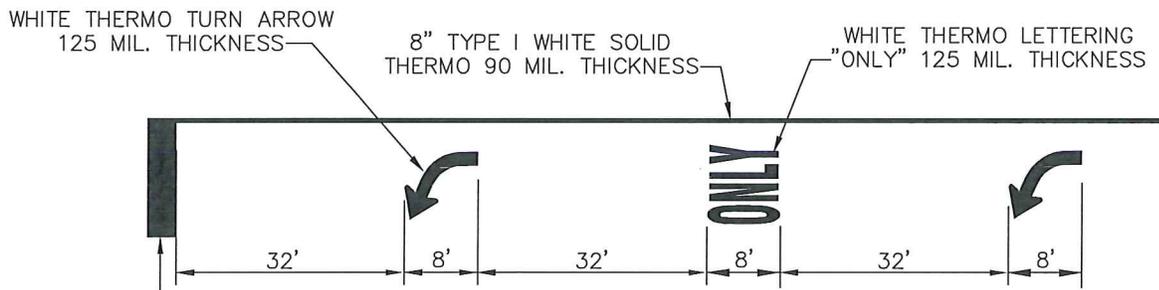
STANDARD DASHED LINE
NTS



DETAIL "B"
NTS



"PUPPY TRACK" MARKING LAYOUT
NTS



STANDARD TURN BAY LINE
NTS

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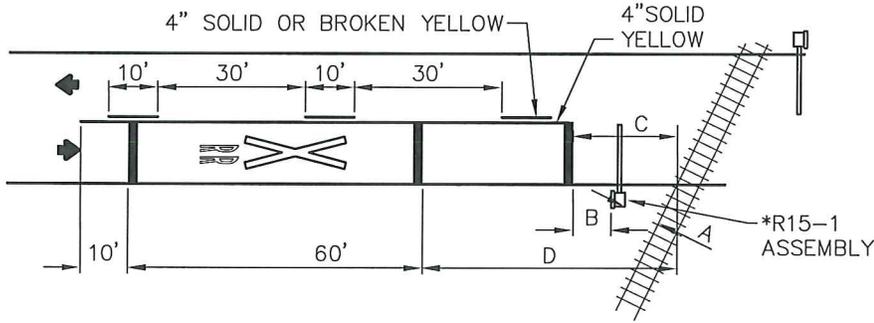
TYPICAL PAVMENT MARKING DETAILS

STANDARD CONSTRUCTION DETAILS TRAFFIC

DATE: AUGUST, 2010

REV DATE: -

SHEET : SD-T05



TWO LANE, TWO-WAY

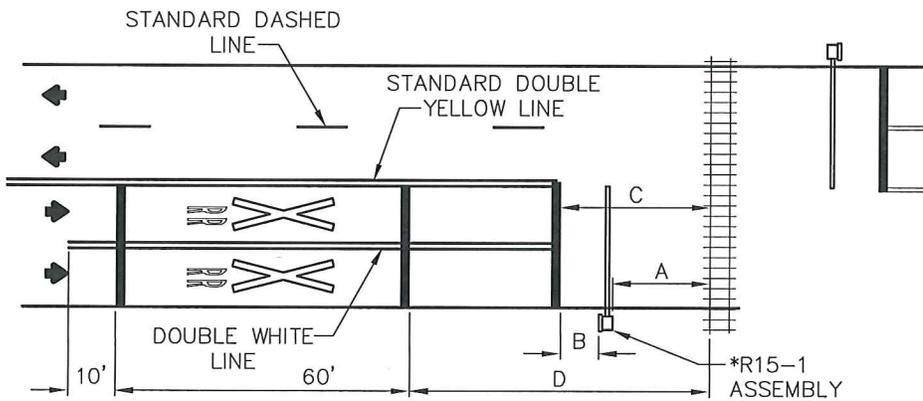
A = 12 FEET MIN., 15 FEET USUAL.
IF AUTOMATIC GATES ARE PRESENT DISTANCE "A" SHOULD BE MEASURED FROM NEAREST EDGE OF AUTOMATIC GATES TO RAILS.

B = STOP LINES SHOULD BE PLACED ON 8 FOOT MIN. DISTANCE IN ADVANCE OF R15-1.

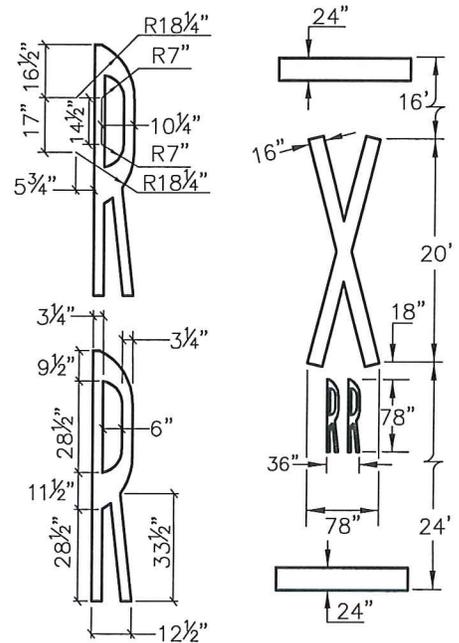
C = 15 FEET DESIRABLE MINIMUM. R15-1 SHOULD BE PLACED BETWEEN STOP LINE AND RAILS WITH ADEQUATE DISTANCE PROVIDED FOR "A".

D = APPROACH SPEED (MPH)	DESIREABLE PACEMENT
	3050'(MIN)
	90' USUAL
	3570'-170'
	40150'-250'
	45235'-335'
	50315'-415'
	55400'-UP (500'USUAL)

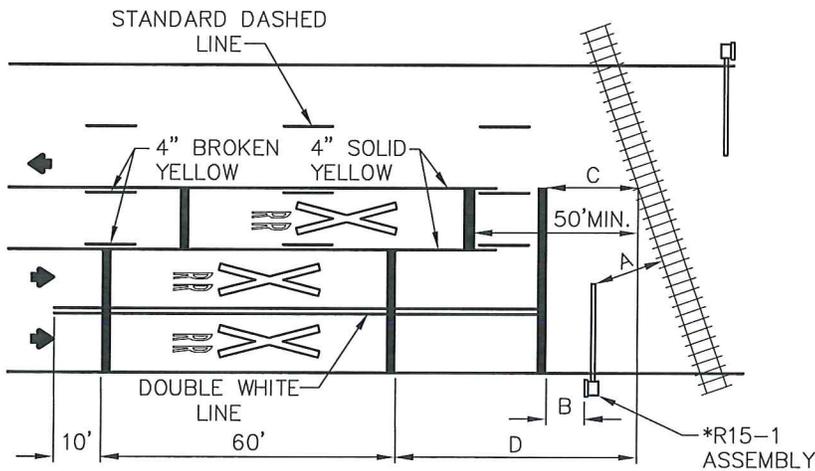
*R15-1 ASSEMBLY MAY CONSIST OF R15-1 AND/OR R15-2, TYPE A, TYPE E OR TYPE F ASSEMBLY.



UNDIVIDED MULTILANE ROADWAY



RAILROAD CROSSING MARKINGS



TWO-WAY LEFT TURN LANE (TWLTL)

Addison!

PUBLIC WORKS DEPARTMENT

RAILROAD CROSSING MARKINGS

STANDARD CONSTRUCTION DETAILS TRAFFIC

DATE: AUGUST, 2010

REV DATE: -

SHEET : SD-T06