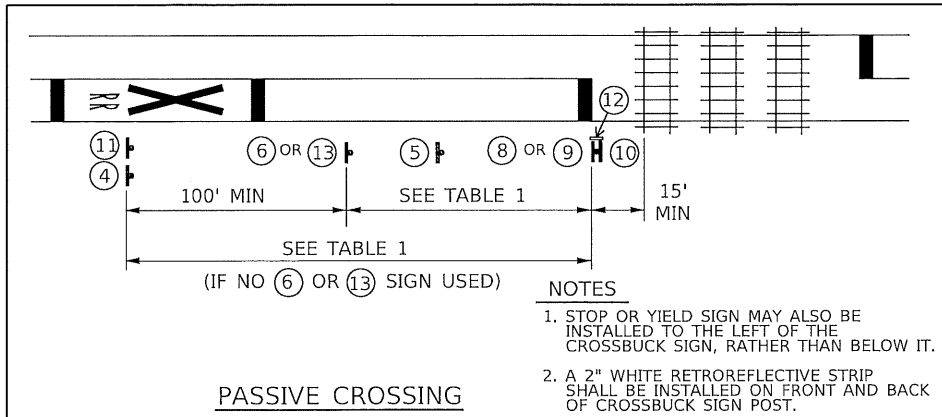
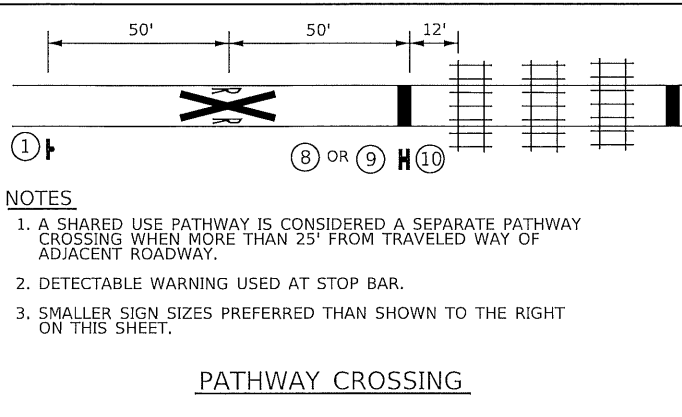


DISCLAIMER: DOT ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



PASSIVE CROSSING

- NOTES**
- STOP OR YIELD SIGN MAY ALSO BE INSTALLED TO THE LEFT OF THE CROSSBUCK SIGN, RATHER THAN BELOW IT.
  - A 2" WHITE RETROREFLECTIVE STRIP SHALL BE INSTALLED ON FRONT AND BACK OF CROSSBUCK SIGN POST.



PATHWAY CROSSING

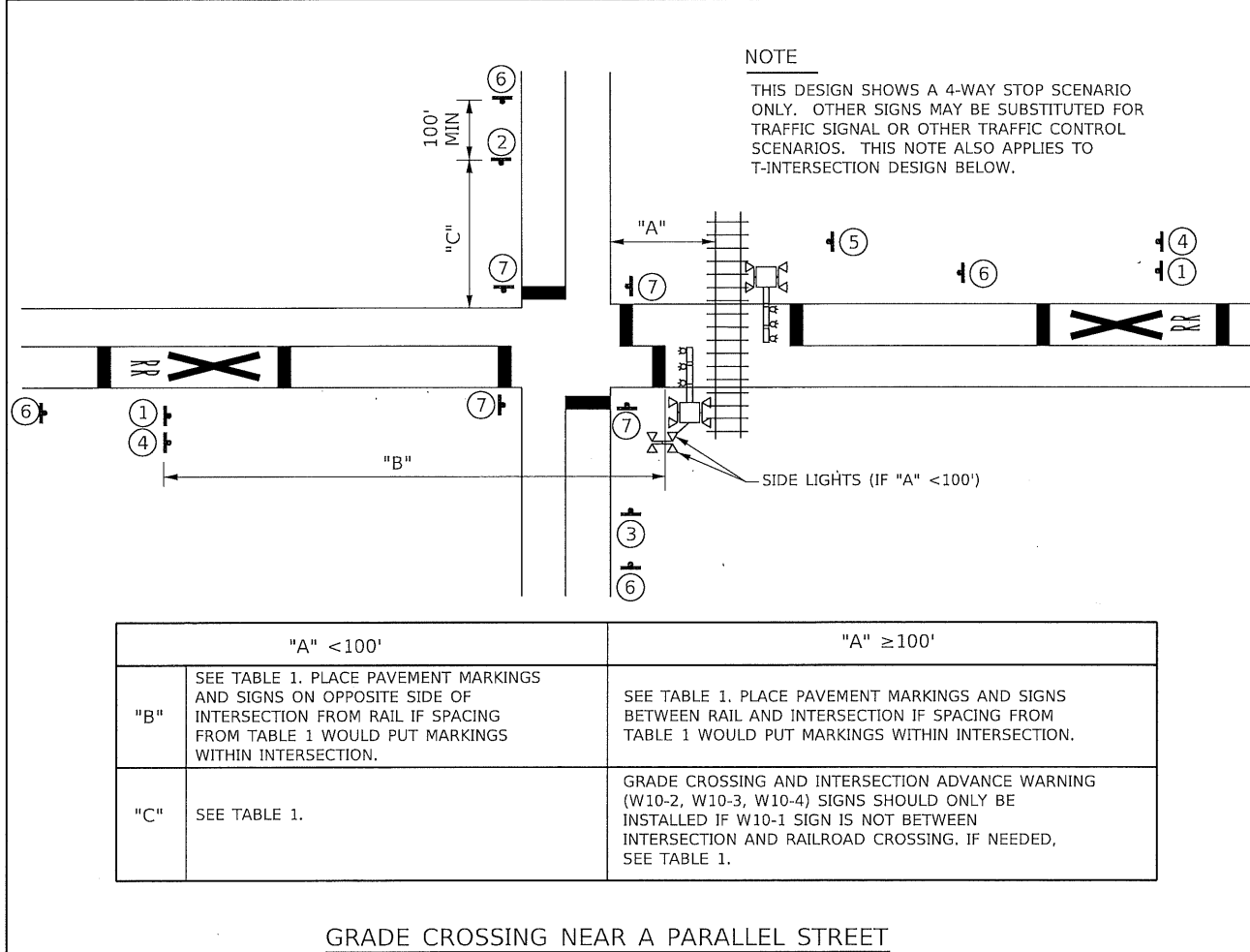
- NOTES**
- A SHARED USE PATHWAY IS CONSIDERED A SEPARATE PATHWAY CROSSING WHEN MORE THAN 25' FROM TRAVELED WAY OF ADJACENT ROADWAY.
  - DETECTABLE WARNING USED AT STOP BAR.
  - SMALLER SIGN SIZES PREFERRED THAN SHOWN TO THE RIGHT ON THIS SHEET.

APPROACH SPEED (MPH)	DESIRABLE PLACEMENT (FEET)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

GENERAL NOTES

- RAILROAD COMPANY TO PROVIDE ACTIVE TRAFFIC CONTROL DEVICES, CROSSBUCK (R15-1), NUMBER OF TRACKS PLAQUE (R15-2P) (IF MORE THAN 1 TRACK), AND EMERGENCY NOTIFICATION (I-13) SIGNS.
- LOW GROUND CLEARANCE (W10-5) SIGNS MAY BE RELOCATED FURTHER UPSTREAM OF CROSSING TO PROVIDE ADVANCE WARNING OF ALTERNATE ROUTE.
- GRADE CROSSING AND INTERSECTION ADVANCE WARNING (W10-2) SIGNS MAY BE MODIFIED AS NEEDED TO FIT ROADWAY GEOMETRY.
- TABLE 1 PLACEMENT DISTANCES MAY VARY PER SECT. 2C-4 OF THE MUTCD.
- SEE TABLE 1 TO DETERMINE PLACEMENT OF STOP AHEAD (W3-1) AND YIELD AHEAD (W3-2) SIGNS UNLESS SHOWN OTHERWISE.
- DO NOT STOP ON TRACKS (R8-8) SIGNS INSTALLED WHEN POTENTIAL FOR VEHICLES STOPPING ON TRACKS IS SIGNIFICANT AS DETERMINED BY SEALING ENGINEER. INSTALL SO SIGN DOES NOT BLOCK VIEW OF RR MAST.

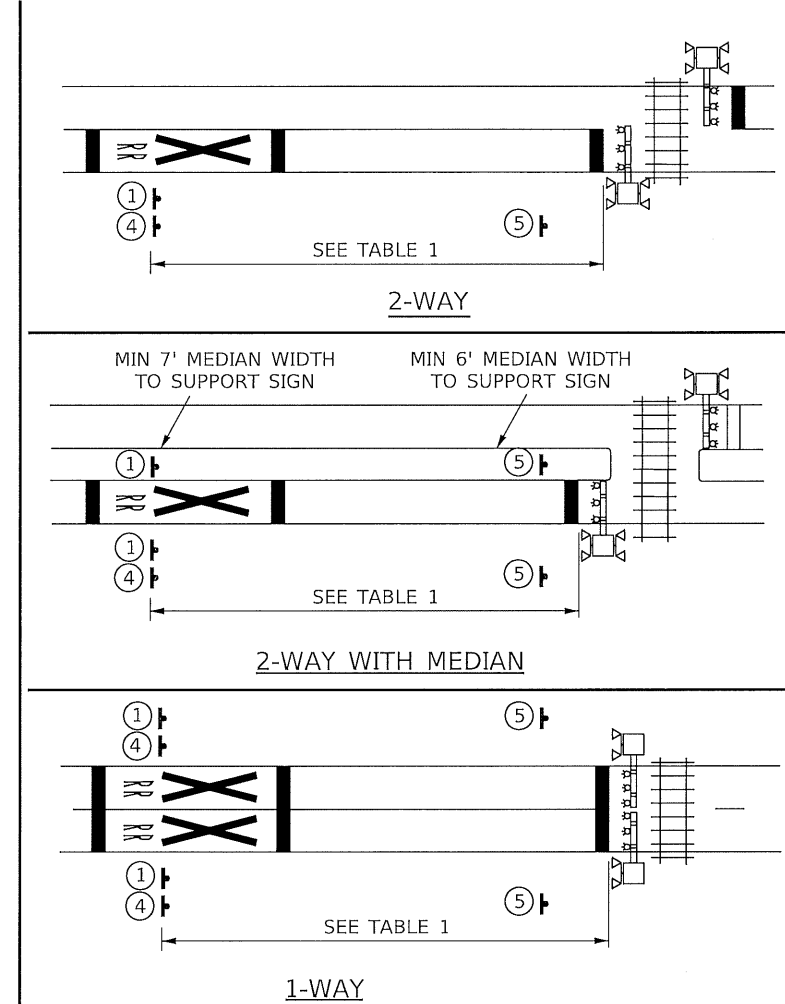
DESCRIPTION	REVISIONS	DATE
NEW SHEET		2/26/2019



**NOTE**  
THIS DESIGN SHOWS A 4-WAY STOP SCENARIO ONLY. OTHER SIGNS MAY BE SUBSTITUTED FOR TRAFFIC SIGNAL OR OTHER TRAFFIC CONTROL SCENARIOS. THIS NOTE ALSO APPLIES TO T-INTERSECTION DESIGN BELOW.

	"A" <100'	"A" ≥100'
"B"	SEE TABLE 1. PLACE PAVEMENT MARKINGS AND SIGNS ON OPPOSITE SIDE OF INTERSECTION FROM RAIL IF SPACING FROM TABLE 1 WOULD PUT MARKINGS WITHIN INTERSECTION.	SEE TABLE 1. PLACE PAVEMENT MARKINGS AND SIGNS BETWEEN RAIL AND INTERSECTION IF SPACING FROM TABLE 1 WOULD PUT MARKINGS WITHIN INTERSECTION.
"C"	SEE TABLE 1.	GRADE CROSSING AND INTERSECTION ADVANCE WARNING (W10-2, W10-3, W10-4) SIGNS SHOULD ONLY BE INSTALLED IF W10-1 SIGN IS NOT BETWEEN INTERSECTION AND RAILROAD CROSSING. IF NEEDED, SEE TABLE 1.

GRADE CROSSING NEAR A PARALLEL STREET



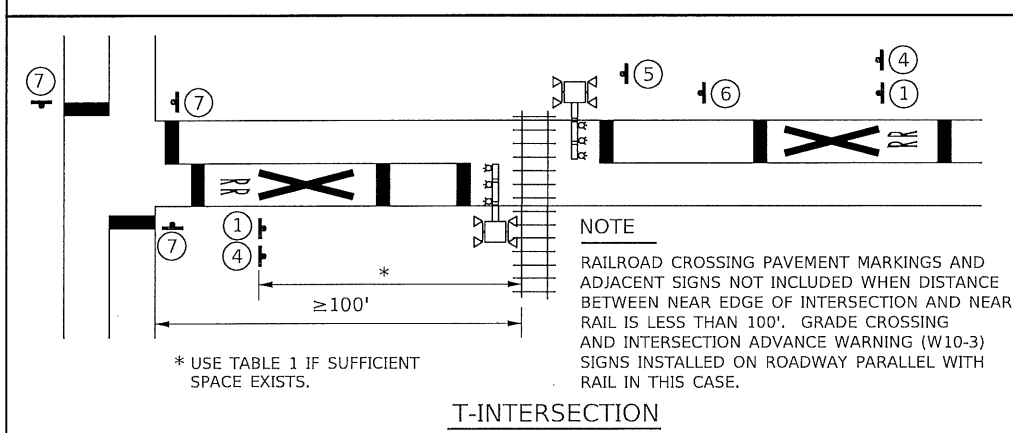
2-WAY

2-WAY WITH MEDIAN

1-WAY

**SIGNS**

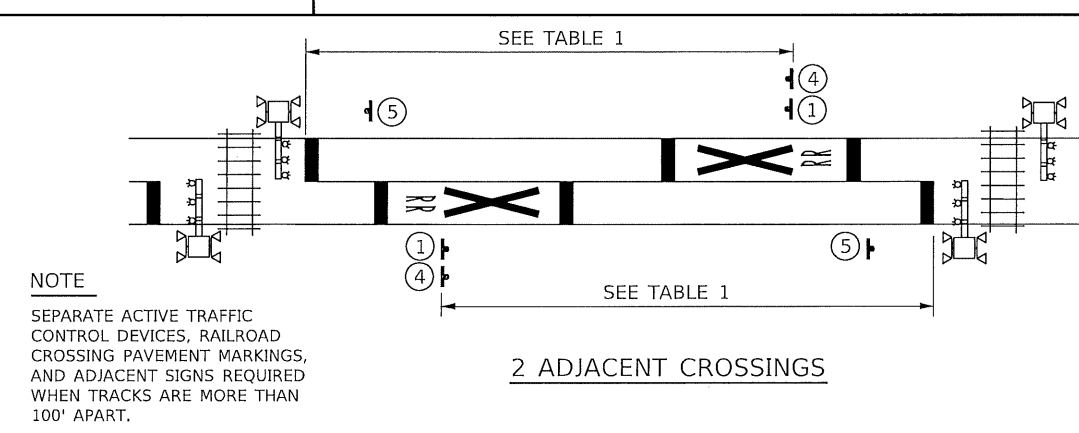
<b>**</b>  ① W10-1 36"DIA.	<b>**</b>  ② W10-2L 36"X36"	<b>**</b>  ③ W10-2R 36"X36"	<b>IF NEEDED</b>  ④ W10-5 36"X36"  W10-5P 30"X24"
<b>IF NEEDED</b>  ⑤ R8-8 24"X30"	<b>IF NEEDED</b>  ⑥ W3-1 30"X30"	 R1-1 36"X36"  R1-3P 18"X6"	<b>IF NEEDED</b>  R15-1 48"X9"  R15-2P 27"X18"  R1-1 36"X36"
 R15-1 48"X9"  R15-2P 27"X18"	<b>(SEE NOTE 1.)</b>  R15-1 48"X9"  R15-2P 27"X18"	 W10-1 36"DIA.  W10-13P 30"X24"	<b>REPORT EMERGENCY OR PROBLEM</b> 1-800-555-5555 CROSSING 836 597 H SIGN MAY BE PLACED PERPEND. TO TRAVEL LANES. (SEE NOTE 1.) ⑫ I-13 15"X9"
 R1-2 48"X48"X48"	 W3-2 30"X30"	<b>**</b>  W10-9P 30"X24"	<b>**</b> Includes a NO TRAIN HORN Plaque (W10-9P) if crossing is in a Quiet Zone. LOW GROUND CLEARANCE Plaque (W10-5P) if needed is mounted below W10-2/W10-3/W10-4 signs.  W10-5P 30"X24"



**NOTE**  
RAILROAD CROSSING PAVEMENT MARKINGS AND ADJACENT SIGNS NOT INCLUDED WHEN DISTANCE BETWEEN NEAR EDGE OF INTERSECTION AND NEAR RAIL IS LESS THAN 100'. GRADE CROSSING AND INTERSECTION ADVANCE WARNING (W10-3) SIGNS INSTALLED ON ROADWAY PARALLEL WITH RAIL IN THIS CASE.

\* USE TABLE 1 IF SUFFICIENT SPACE EXISTS.

T-INTERSECTION



**NOTE**  
SEPARATE ACTIVE TRAFFIC CONTROL DEVICES, RAILROAD CROSSING PAVEMENT MARKINGS, AND ADJACENT SIGNS REQUIRED WHEN TRACKS ARE MORE THAN 100' APART.

2 ADJACENT CROSSINGS

**BASIS OF PAYMENT**

NO.	ITEM	UNIT
854(B)	TRAFFIC STRIPE (PAINT) (ARROW, WORDS, OR SYMBOLS)	EA
855(B)	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	EA
856(B)	TRAFFIC STRIPE (MULTI-POLYMER) (SYMBOLS, WORDS, ETC)	EA

APPROVED BY RAILROAD ENGINEER: *[Signature]* DATE: 2/26/2019

APPROVED BY TRAFFIC ENGINEER: *[Signature]* DATE: 2/26/19

TRAFFIC STANDARD  
PAVEMENT MARKING  
(RAILROAD CROSSING)

**DOT**

2009 SPECIFICATIONS

PM8-3	00
T-108B	