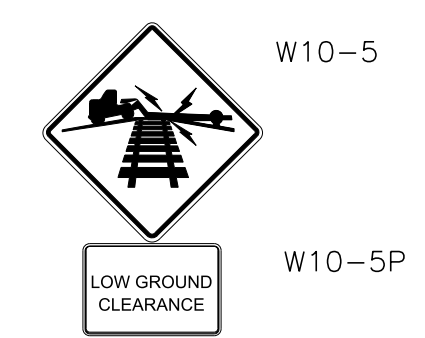
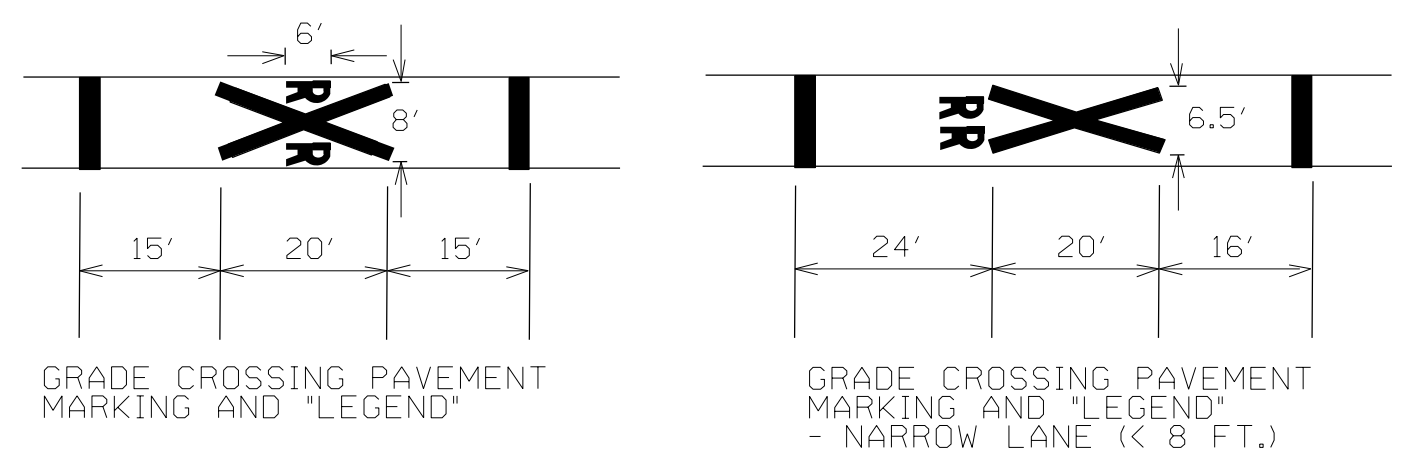
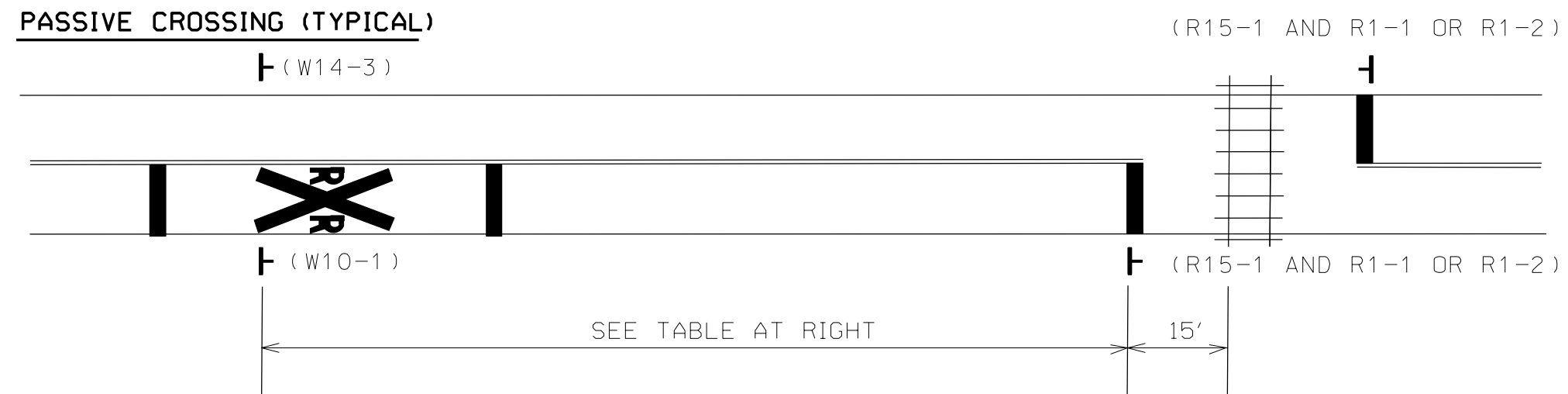
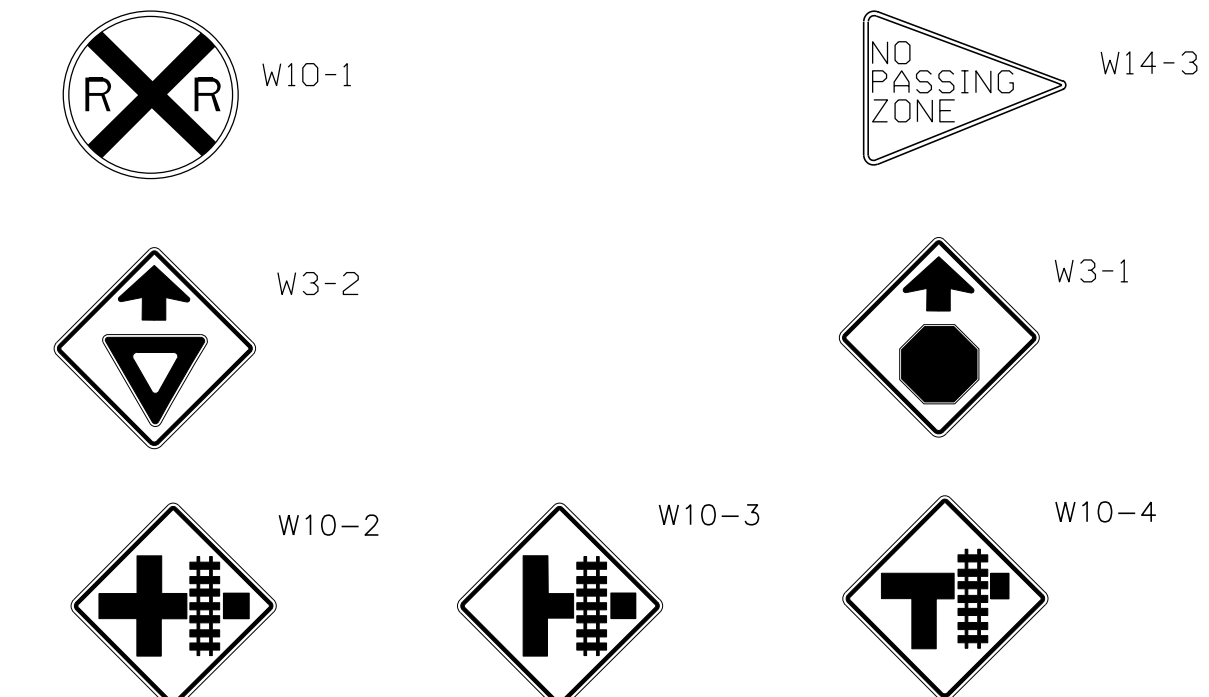
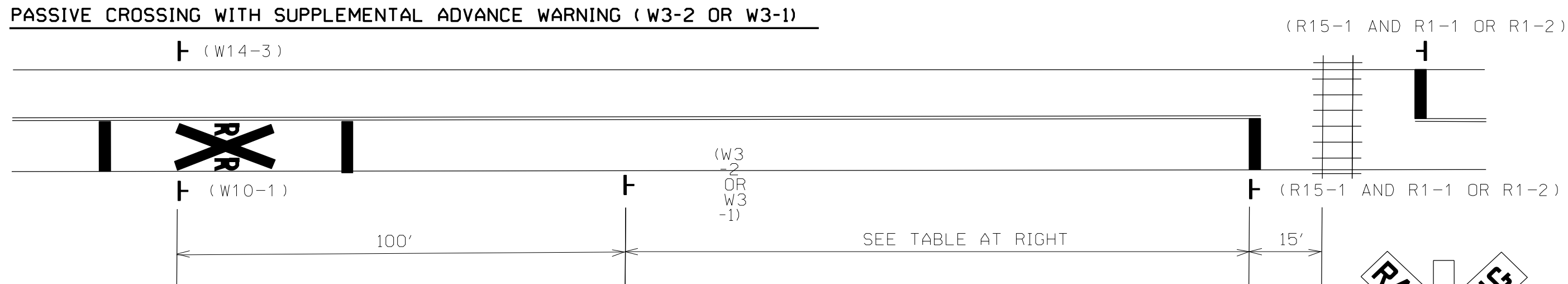


PASSIVE CROSSING (TYPICAL)



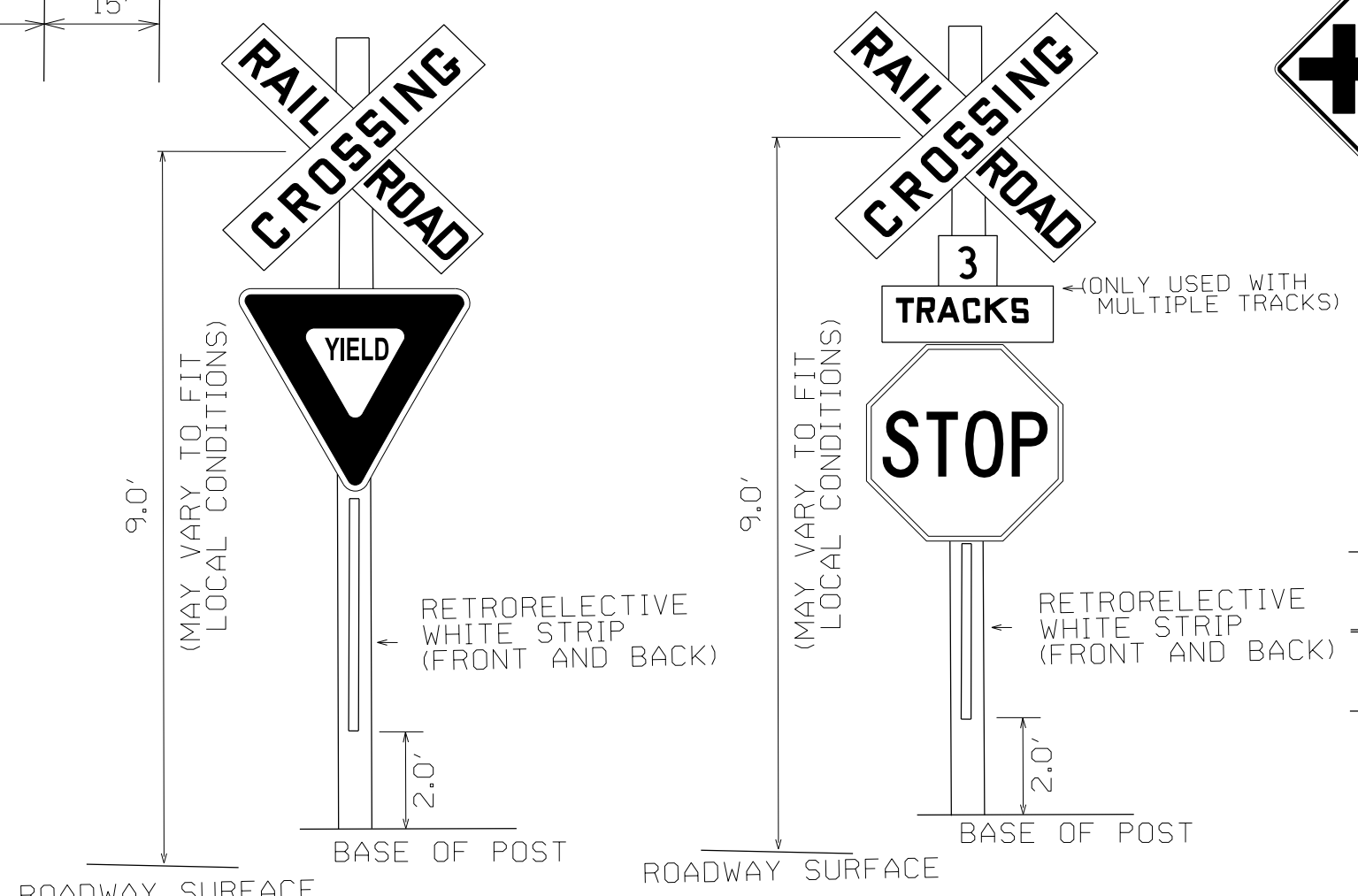
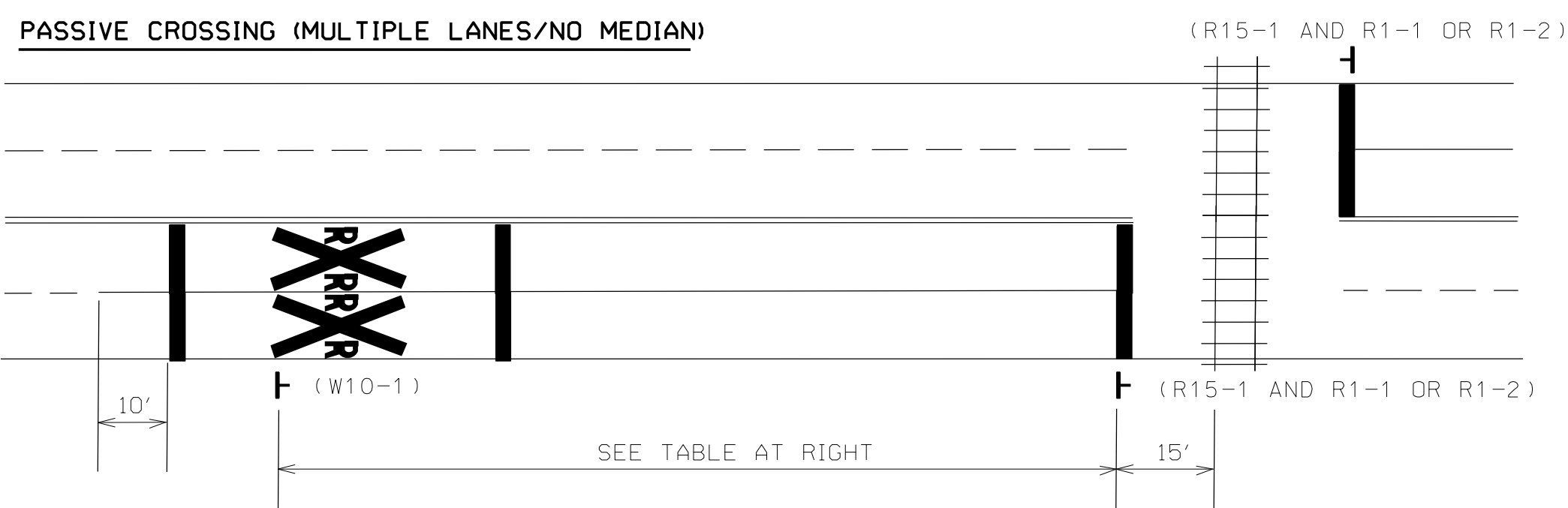
PASSIVE CROSSING WITH SUPPLEMENTAL ADVANCE WARNING (W3-2 OR W3-1)



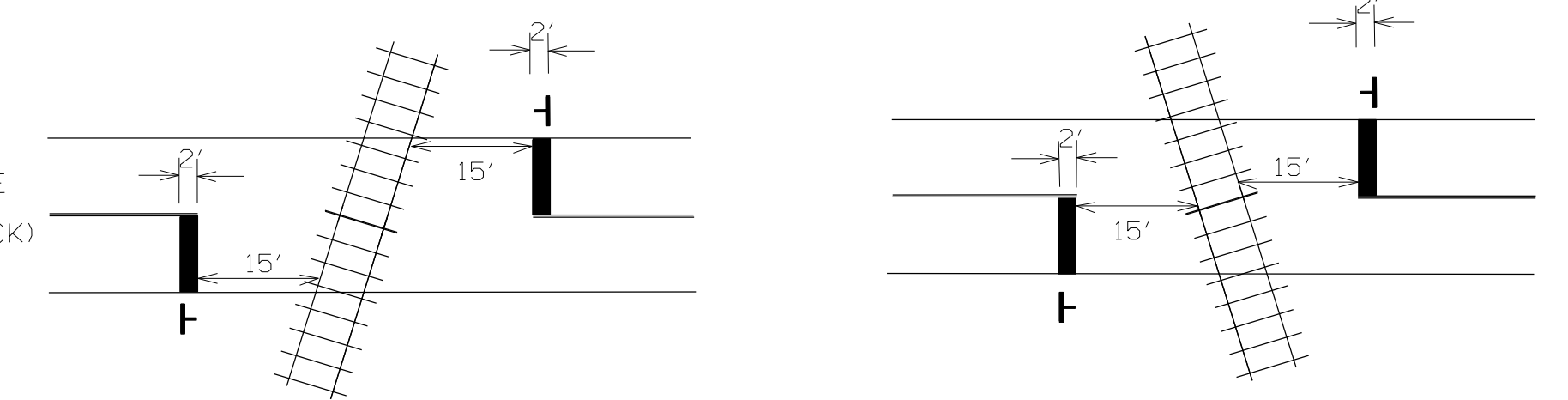
APPROACH SPEED	ADVANCE PLACEMENT DISTANCE
20 MPH	100 FT.
25 MPH	100 FT.
30 MPH	100 FT.
35 MPH	100 FT.
40 MPH	125 FT.
45 MPH	175 FT.
50 MPH	250 FT.
55 MPH	325 FT.
60 MPH	400 FT.
65 MPH	475 FT.
70 MPH	550 FT.

FROM SECTION 2C.5 TABLE 2C-4 OF THE M.U.T.C.D. (CONDITION 'B', '0 MPH' COLUMN)

PASSIVE CROSSING (MULTIPLE LANES/NO MEDIAN)

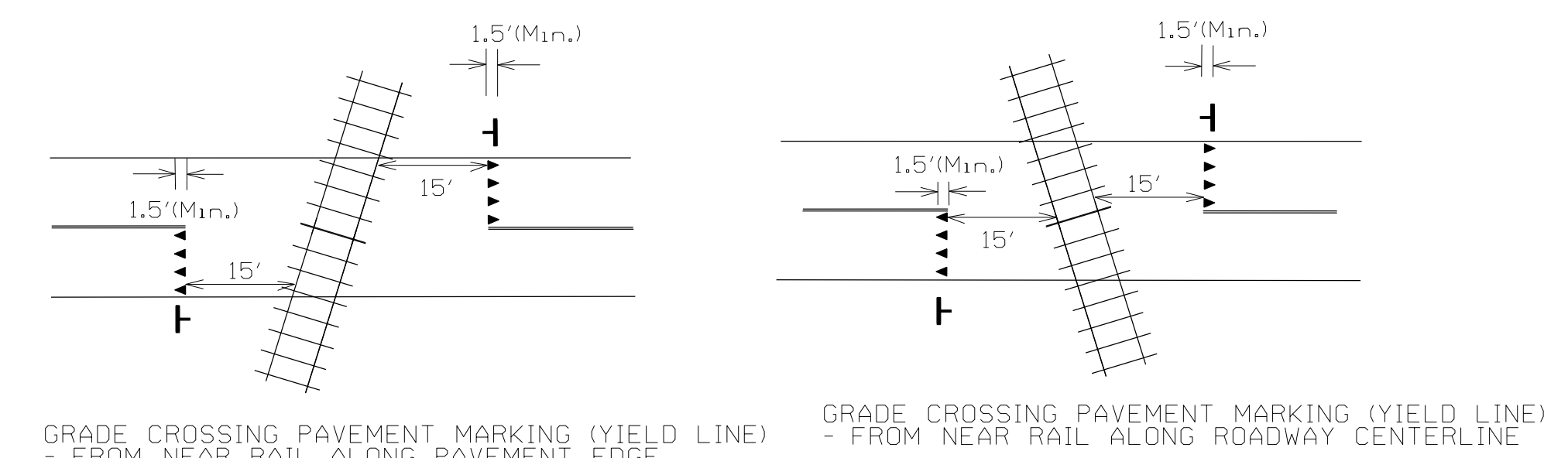
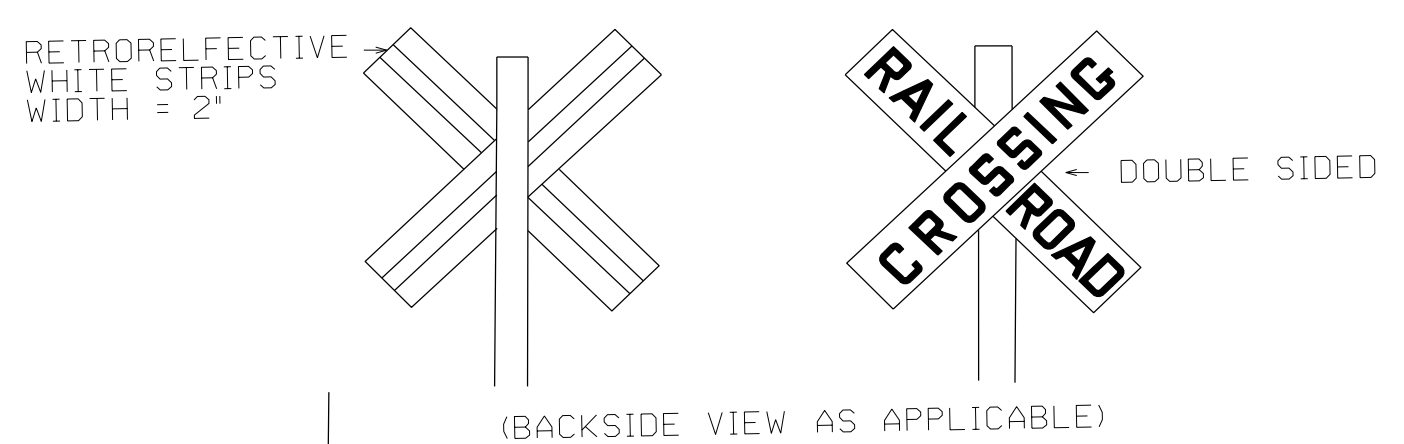
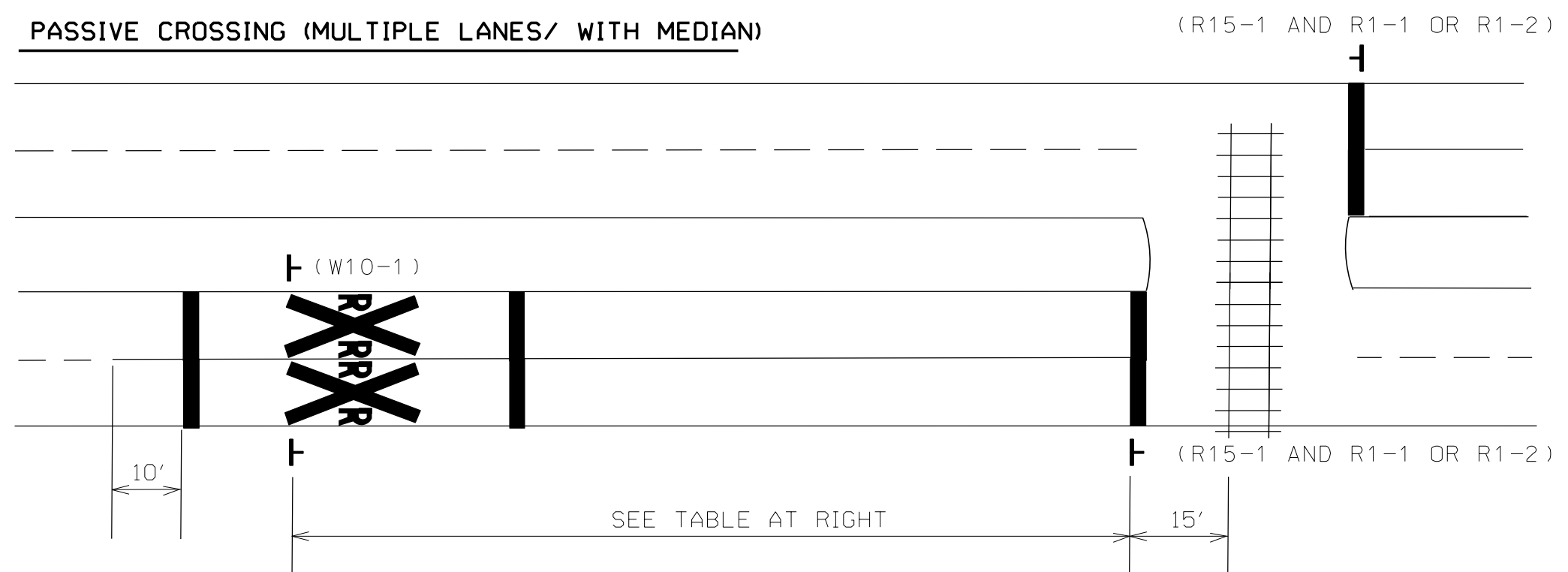


POST ASSEMBLY (YIELD) *DEFAULT/MINIMUM REQUIRED*
 POST ASSEMBLY (STOP) *AS DETERMINED BY ENGINEERING STUDY*



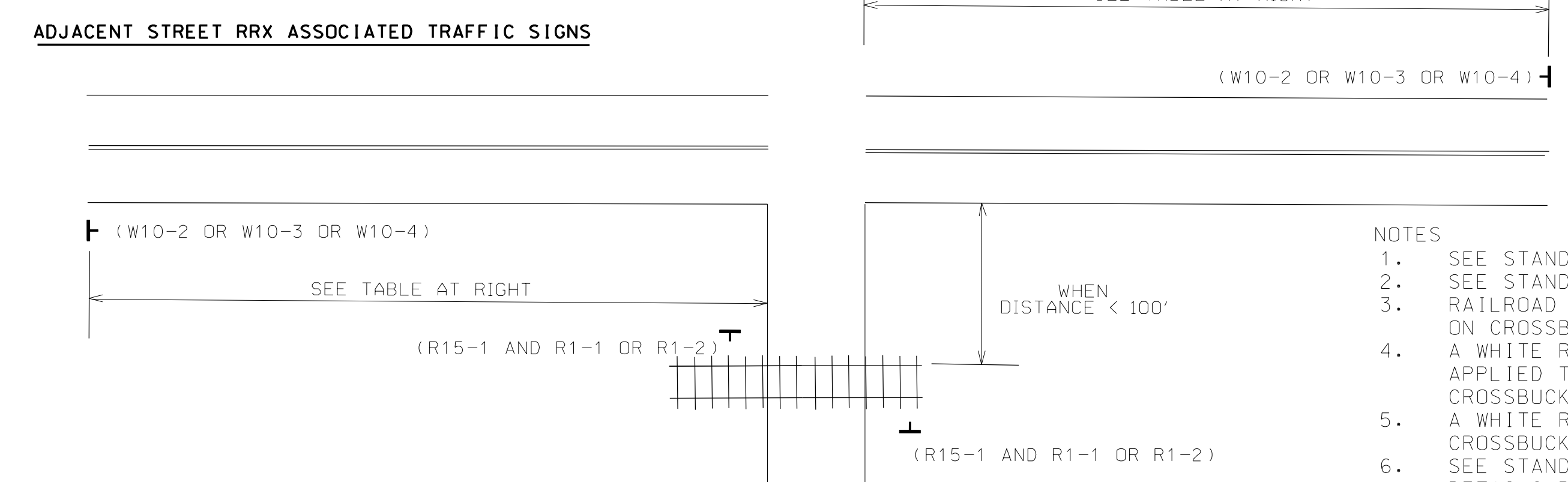
GRADE CROSSING PAVEMENT MARKING (STOP LINE) - FROM NEAR RAIL ALONG PAVEMENT EDGE
 GRADE CROSSING PAVEMENT MARKING (STOP LINE) - FROM NEAR RAIL ALONG ROADWAY CENTERLINE

PASSIVE CROSSING (MULTIPLE LANES/ WITH MEDIAN)



GRADE CROSSING PAVEMENT MARKING (YIELD LINE) - FROM NEAR RAIL ALONG PAVEMENT EDGE
 GRADE CROSSING PAVEMENT MARKING (YIELD LINE) - FROM NEAR RAIL ALONG ROADWAY CENTERLINE

ADJACENT STREET RRX ASSOCIATED TRAFFIC SIGNS



- NOTES
- SEE STANDARD DRAWINGS FOR SIGN MOUNTING DETAILS.
 - SEE STANDARD DRAWINGS FOR SIGN AND PAVEMENT MARKING DETAILS.
 - RAILROAD COMPANY TO PROVIDE CROSSBUCK (15-1) AND ADDITIONAL SIGNAGE MOUNTED ON CROSSBUCK POST.
 - A WHITE RETROREFLECTIVE STRIP OF NOT LESS THAN 2 INCHES IN WIDTH SHALL BE APPLIED TO THE BACK OF EACH CROSSBUCK BLADE, EXCEPT WHEN TWO-SIDED CROSSBUCKS ARE USED.
 - A WHITE RETROREFLECTIVE STRIP SHALL BE INSTALLED ON THE FRONT AND BACK OF THE CROSSBUCK POST.
 - SEE STANDARD DRAWINGS SHS-1, SHS-9, SHS-13, SHS-16 AND SHS-18 FOR ADDITIONAL DETAILS REGARDING RRX CROSSING RELATED SIGN SIZES, DIMENSIONS, AND COLORS.

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REVISIONS
 1. Current Sheet was Revised and Updated to MUTCD 2009 on 09-26-18 by J.F.T.

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DESIGN BUREAU SPECIAL DRAWING

RAILROAD CROSSING PASSIVE WARNING-SIGNS AND PAVEMENT MARKINGS

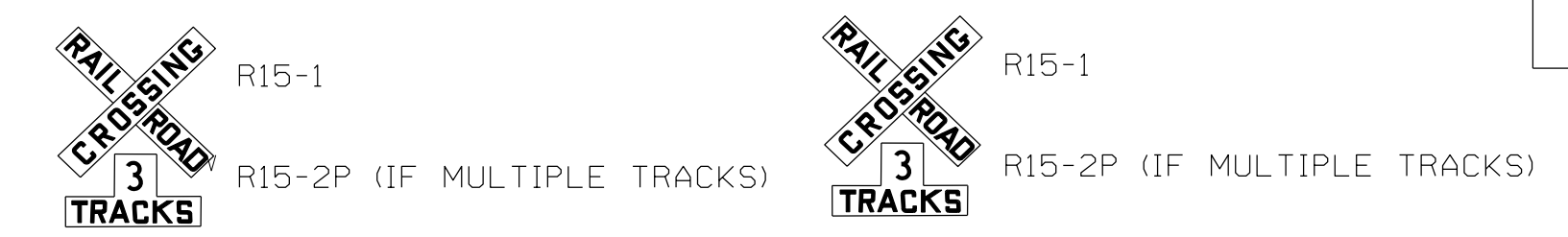
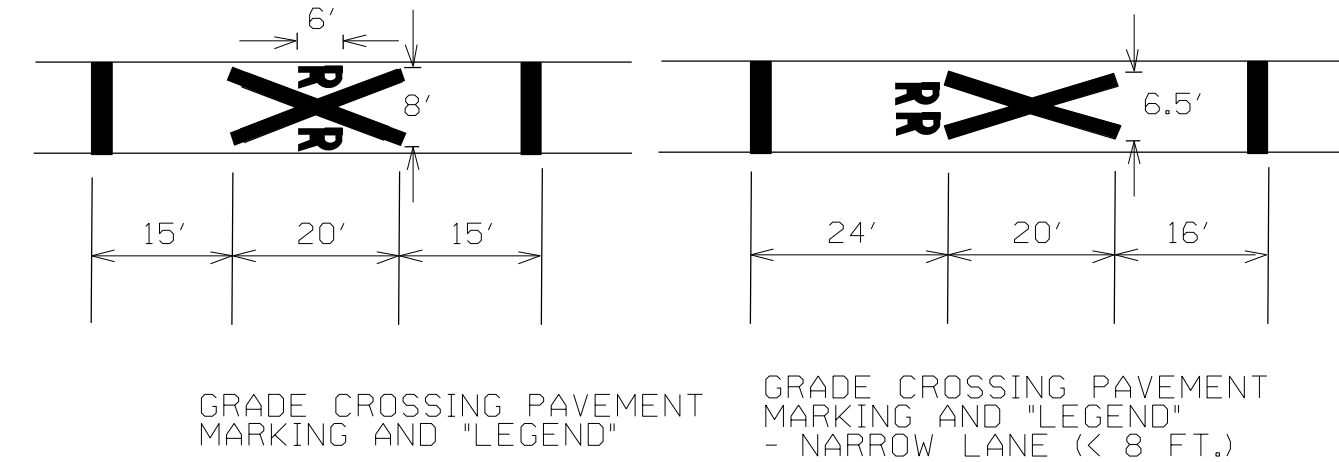
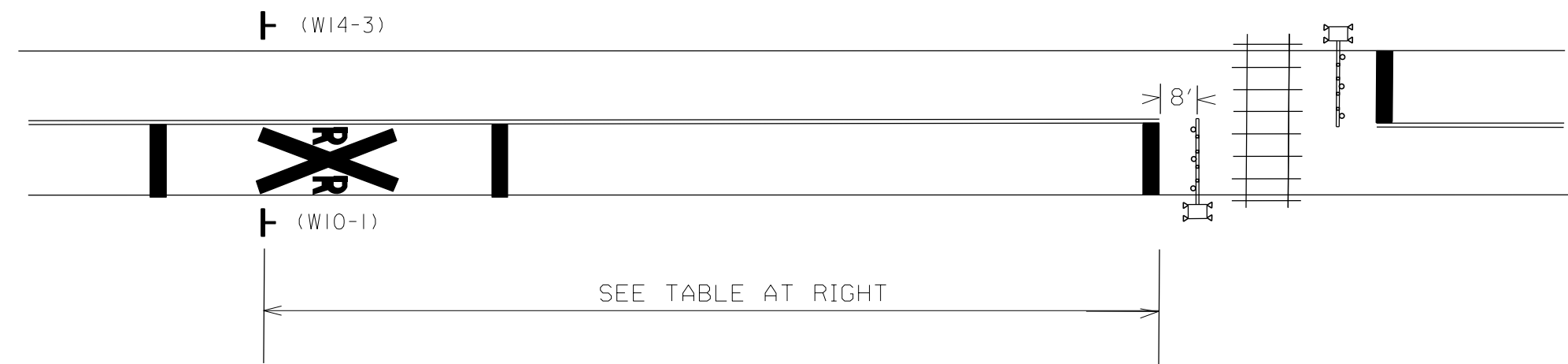
Bureau Std Engr: D.J.W.
 DRAWN BY: _____ DATE DRAWN: _____

SPECIAL DRAWING NO
RRX-107-1

INDEX NO
73501

NOT TO SCALE

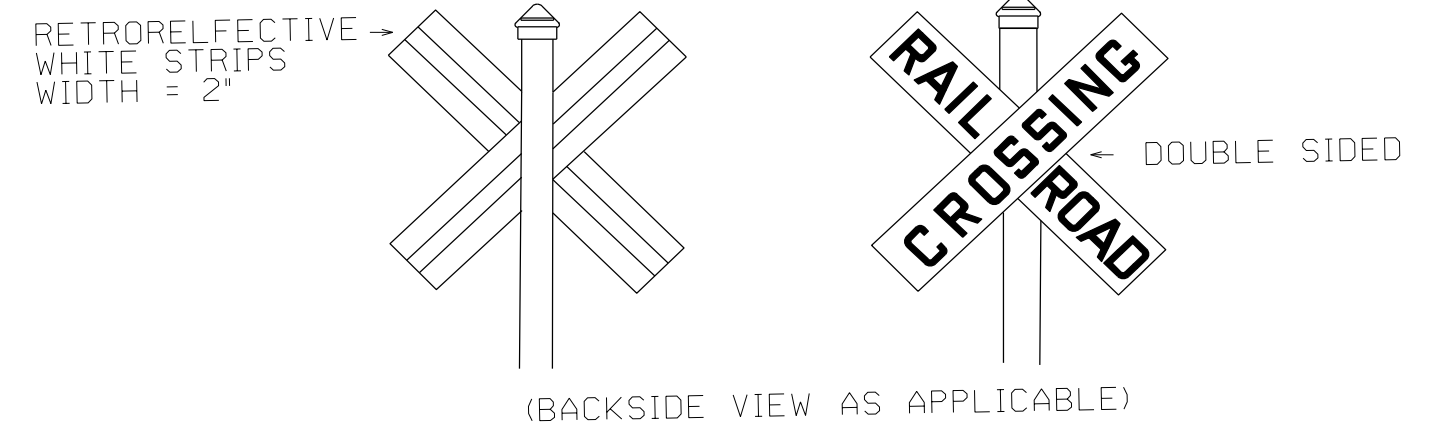
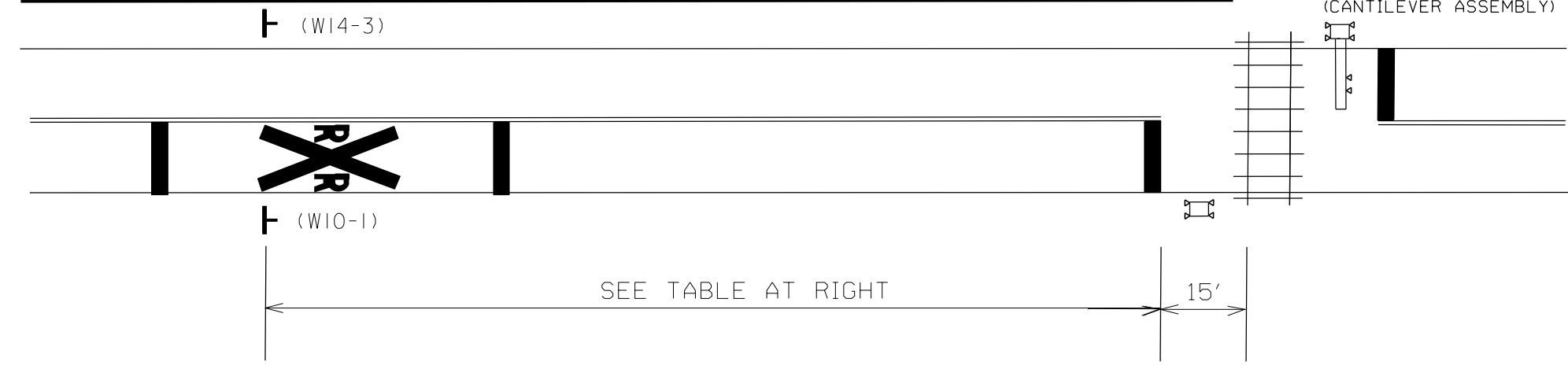
ACTIVE CROSSING (LIGHTS, BELLS, AND GATES)



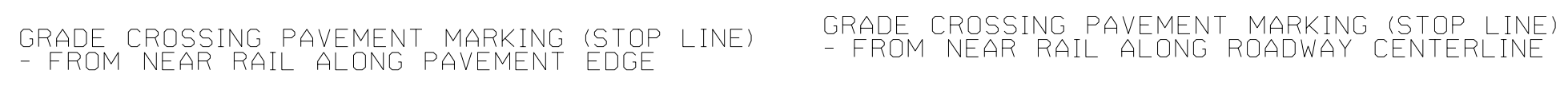
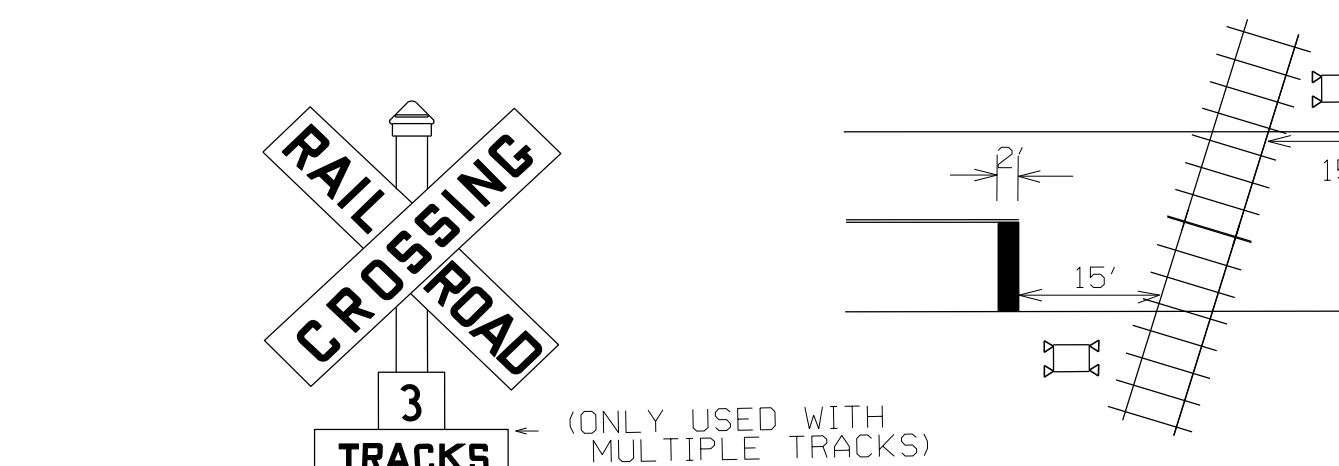
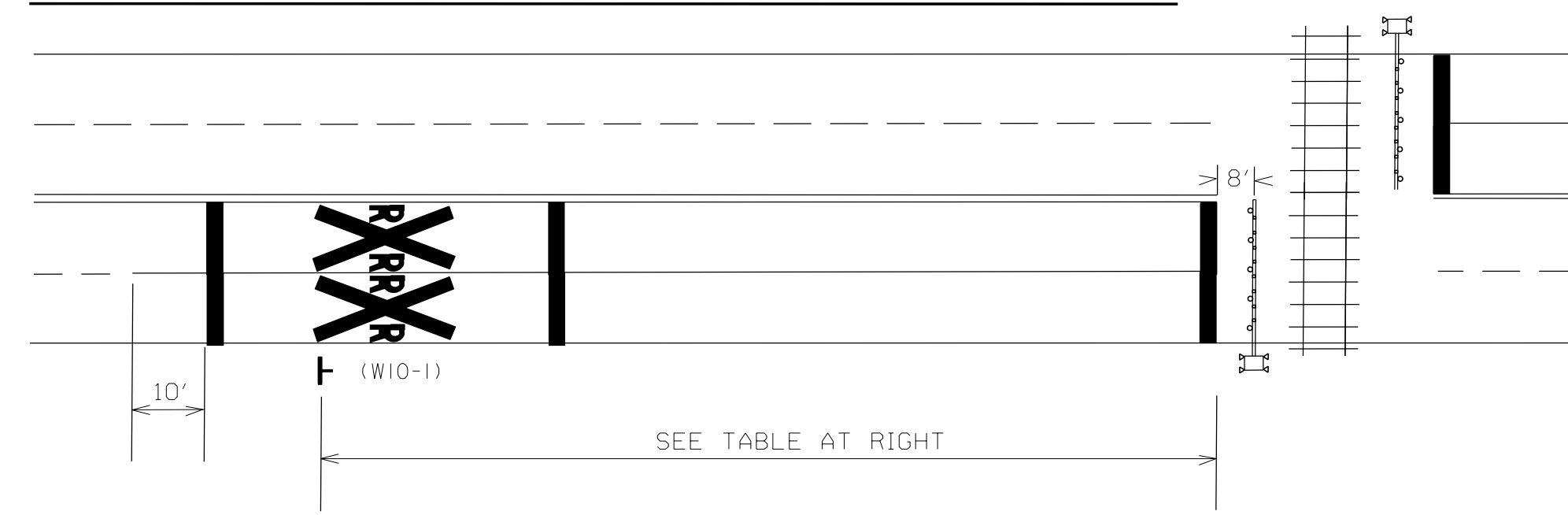
APPROACH SPEED	ADVANCE PLACEMENT DISTANCE
20 MPH	100 FT.
25 MPH	100 FT.
30 MPH	100 FT.
35 MPH	100 FT.
40 MPH	125 FT.
45 MPH	175 FT.
50 MPH	250 FT.
55 MPH	325 FT.
60 MPH	400 FT.
65 MPH	475 FT.
70 MPH	550 FT.

FROM SECTION 2C.5 TABLE 2C-4 OF THE M.U.T.C.D. (CONDITION "B", "O" MPH COLUMN)

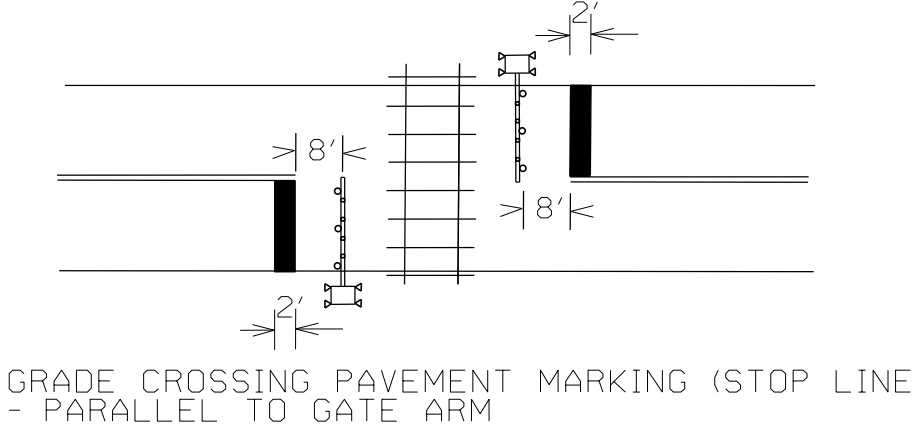
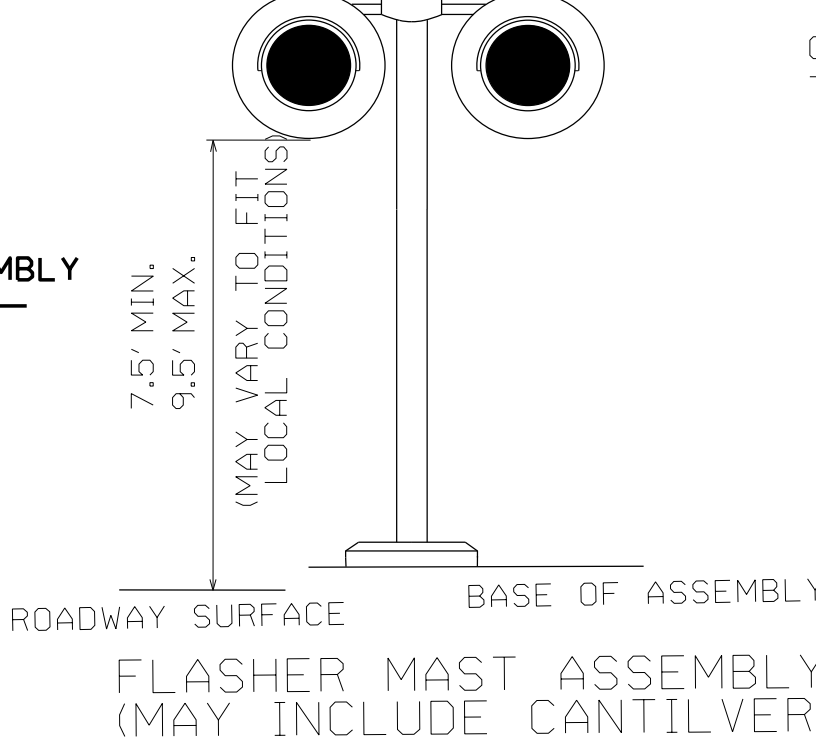
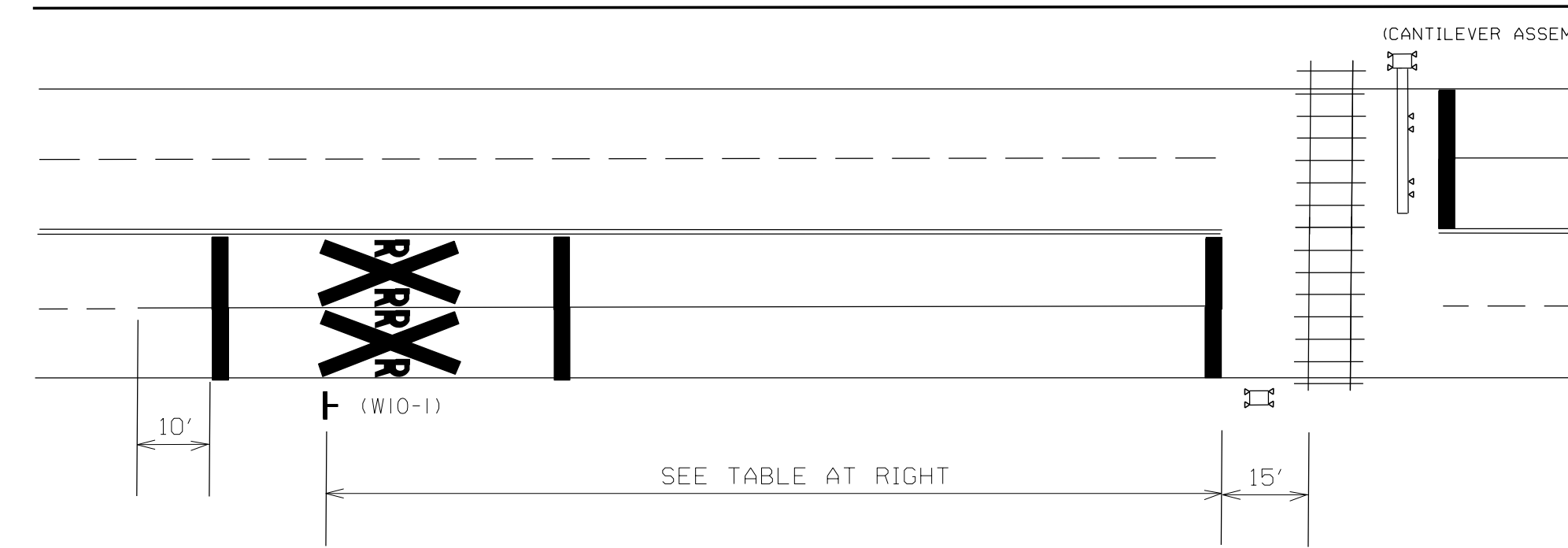
ACTIVE CROSSING (LIGHTS AND BELLS) WITH AND/OR WITHOUT CANTILEVER ASSEMBLY



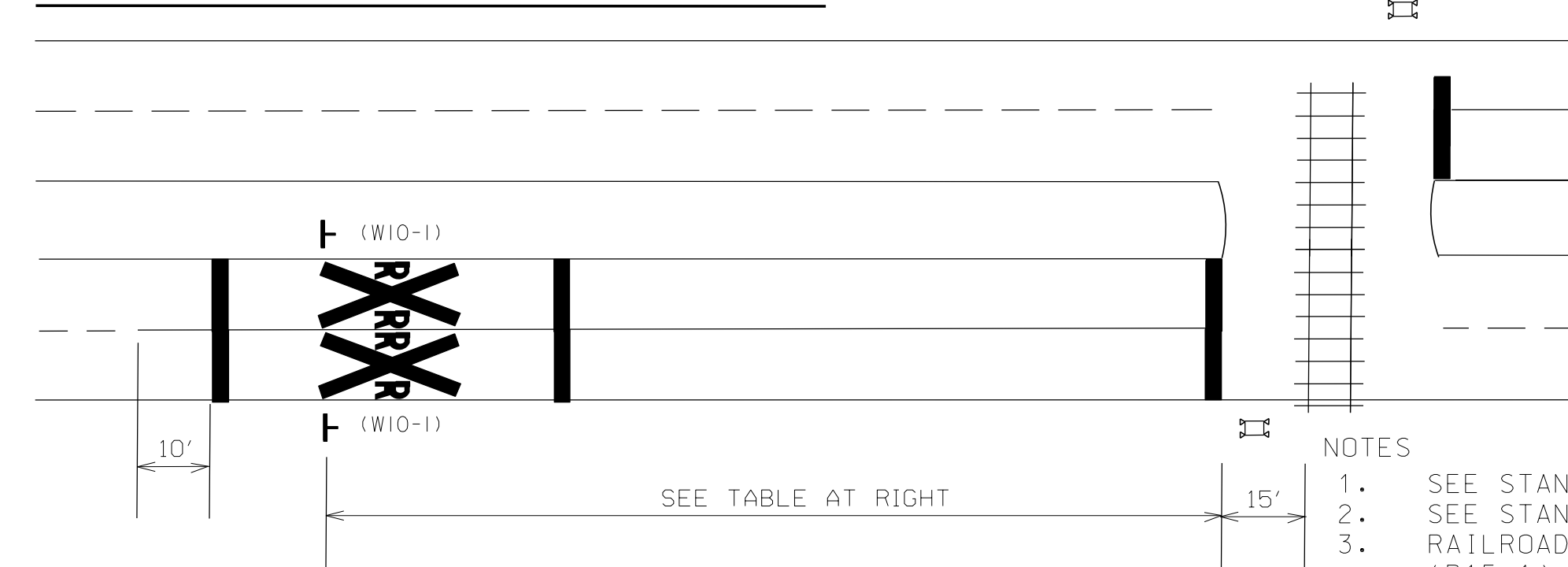
ACTIVE CROSSING - MULTIPLE LANES/NO MEDIAN (LIGHTS, BELLS, AND GATES)



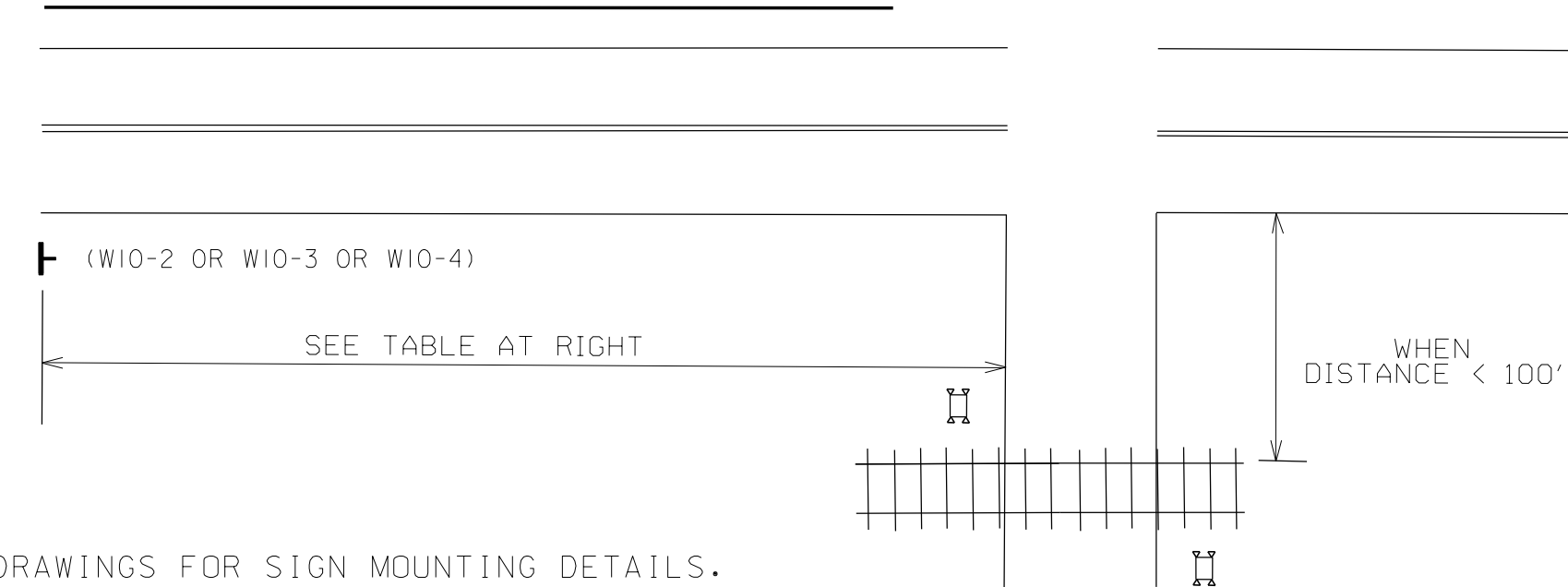
ACTIVE CROSSING - MULTIPLE LANES/NO MEDIAN (LIGHTS AND BELLS) WITH AND/OR WITHOUT CANTILEVER ASSEMBLY



ACTIVE CROSSING (MULTIPLE LANES/ WITH MEDIAN)



ADJACENT STREET RRX ASSOCIATED TRAFFIC SIGNS



NOTES

- SEE STANDARD DRAWINGS FOR SIGN MOUNTING DETAILS.
- SEE STANDARD DRAWINGS FOR SIGN AND PAVEMENT MARKING DETAILS.
- RAILROAD COMPANY TO PROVIDE ACTIVE TRAFFIC CONTROL DEVICES AND CROSSBUCK (R15-1) AND ADDITIONAL SIGNAGE MOUNTED CROSSBUCK ASSEMBLY.
- A WHITE RETROREFLECTIVE STRIP OF NOT LESS THAN 2 INCHES IN WIDTH SHALL BE APPLIED TO THE BACK OF EACH CROSSBUCK BLADE, EXCEPT WHEN TWO-SIDED CROSSBUCKS ARE USED.
- CENTER OF RAILROAD MAST OR GATE ASSEMBLY TO CENTERLINE OF RAILROAD: 12' MINIMUM, 15' TYPICAL.
- SEE STANDARD DRAWINGS SHS-9, SHS-16 AND SHS-18 FOR ADDITIONAL DETAILS REGARDING RRX CROSSING RELATED SIGN SIZES, DIMENSIONS, AND COLORS.

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REVISIONS
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DESIGN BUREAU SPECIAL DRAWING

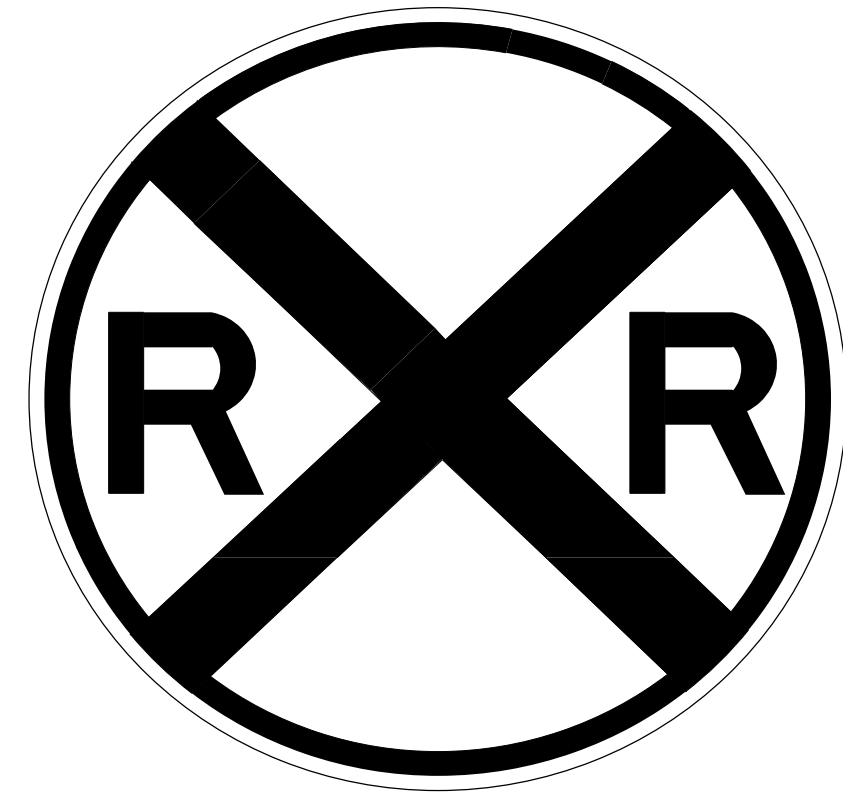
RAILROAD CROSSING ACTIVE WARNING-SIGNS AND PAVEMENT MARKINGS

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: _____

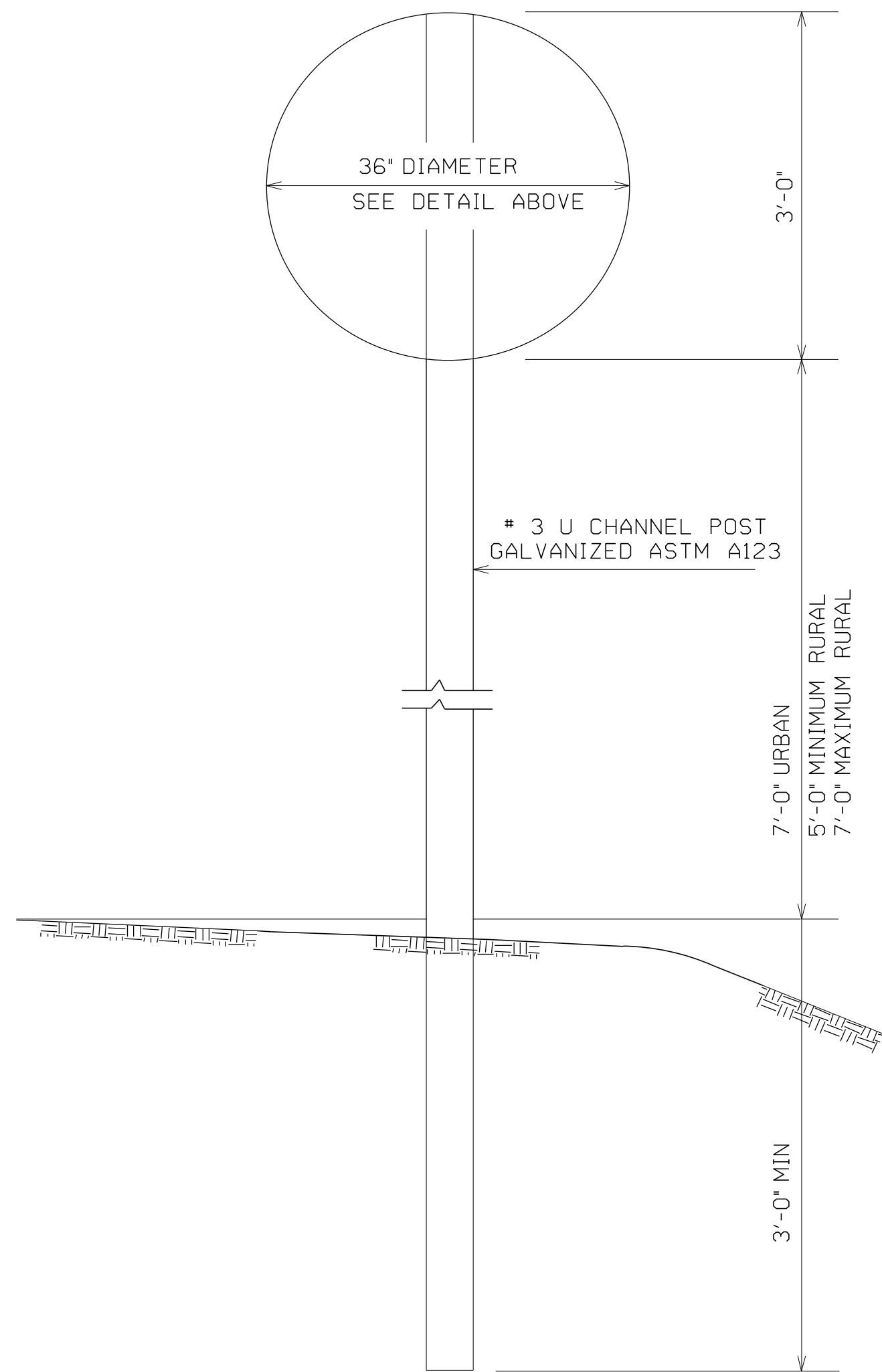
SPECIAL DRAWING NO
RRX-107-2

INDEX NO
73504

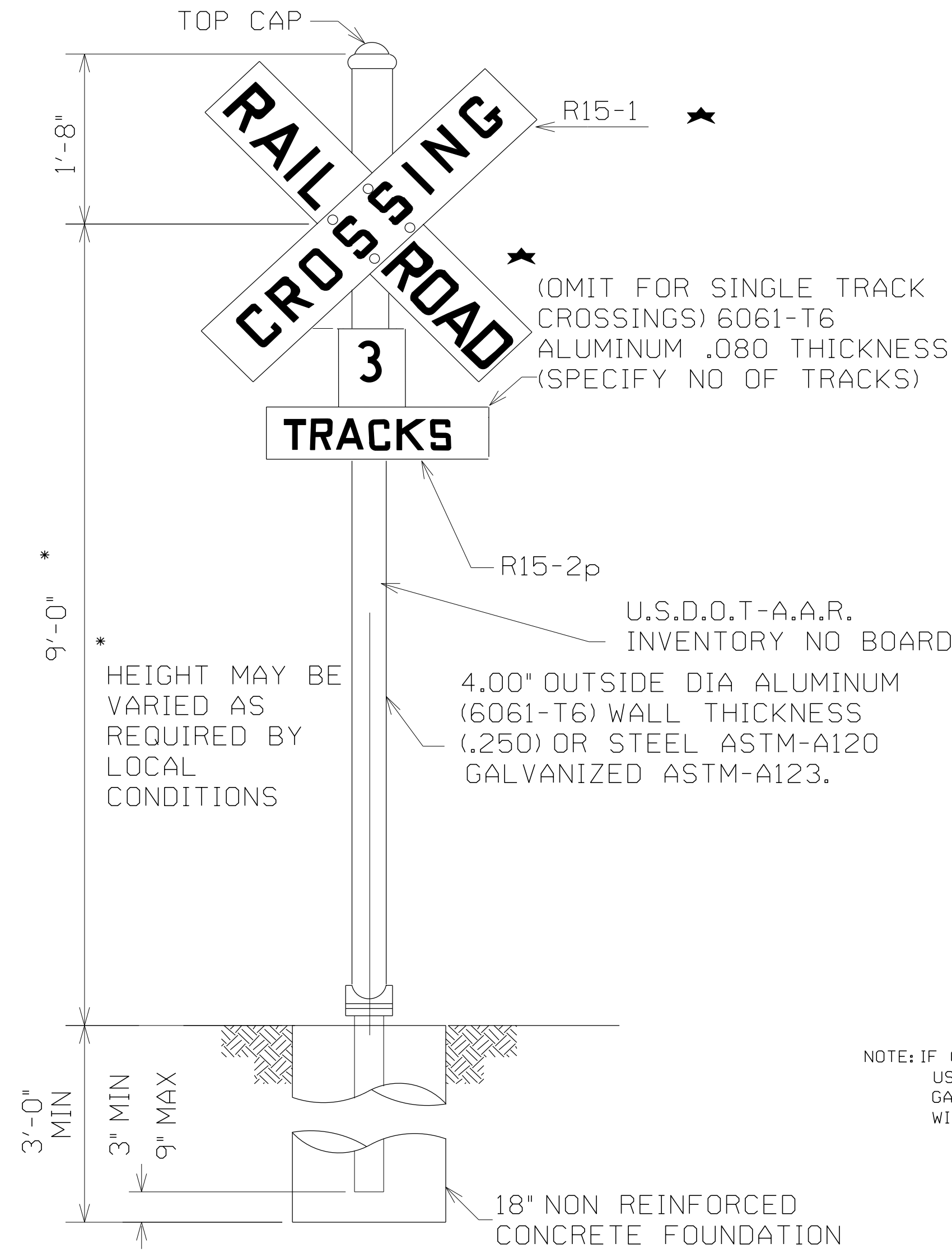
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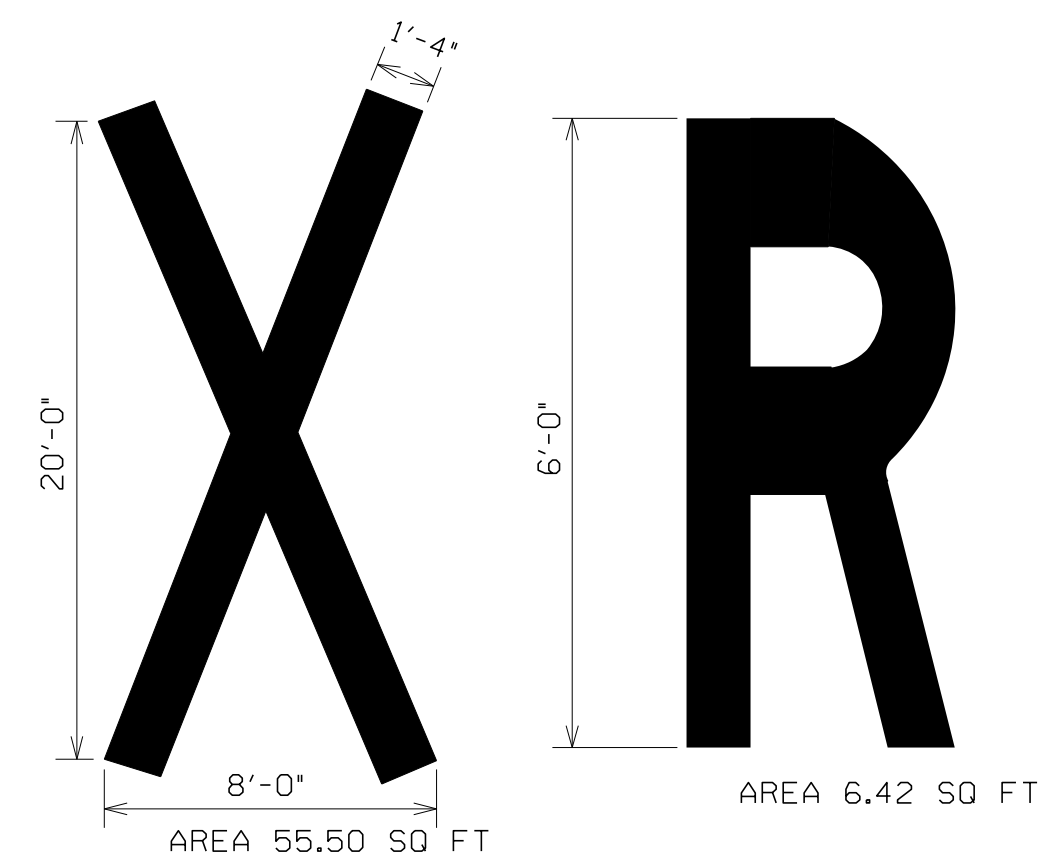
DETAILS OF RAILROAD ADVANCE WARNING SIGN
W10-1



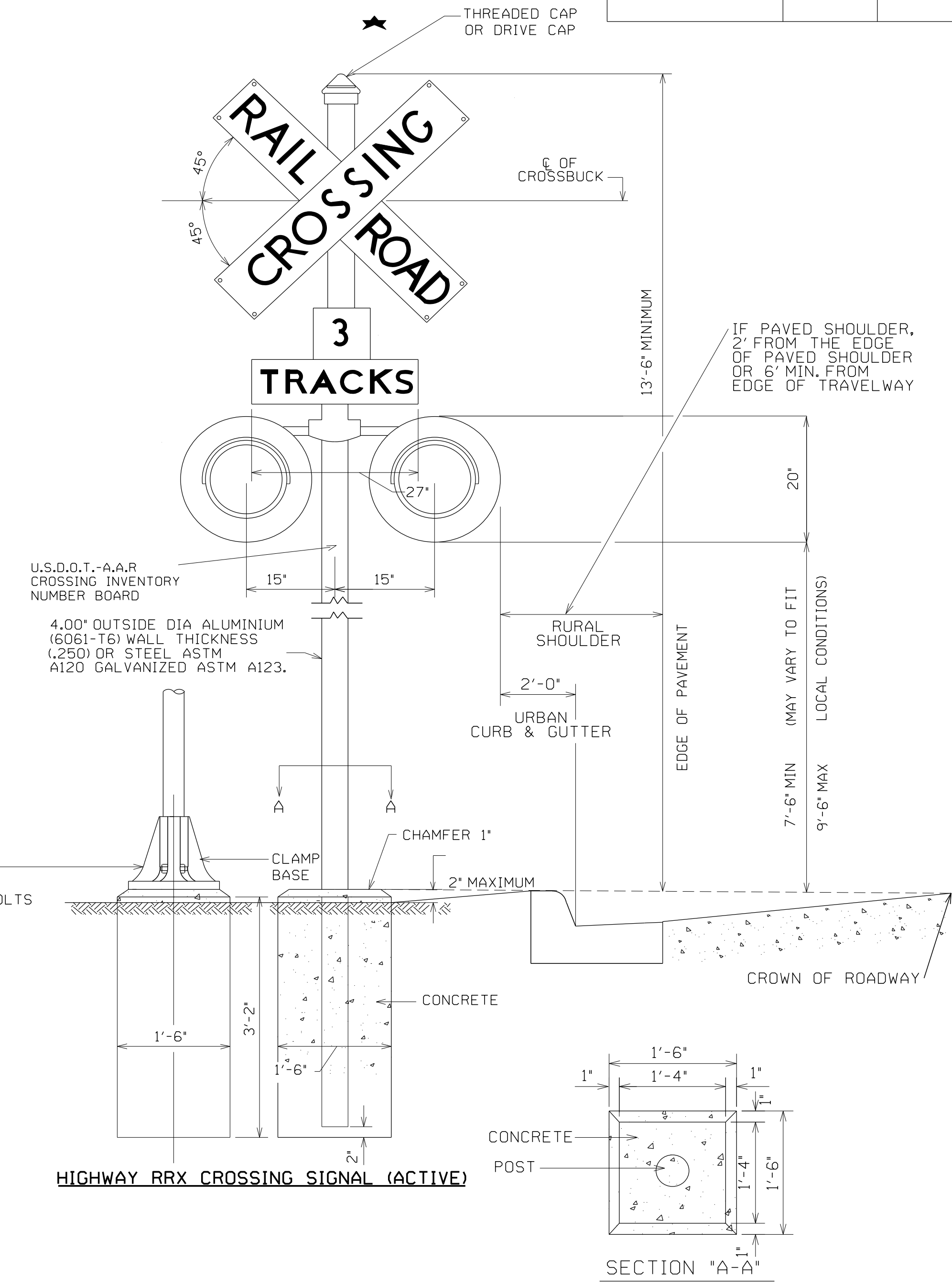
RAILROAD ADVANCE WARNING SIGN (PASSIVE)



HIGHWAY RRX CROSSING SIGNAL (PASSIVE)



HIGHWAY RRX PAVEMENT MARKING LEGEND SYMBOLS



HIGHWAY RRX CROSSING SIGNAL (ACTIVE)

- ★ NOTES
- SEE STANDARD DRAWINGS SHS-9 AND SHS-16 FOR ADDITIONAL DETAILS REGARDING RRX CROSSING RELATED SIGN SIZES, DIMENSIONS, AND COLORS.

--SPECIFICATIONS--

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ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
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DESIGN BUREAU SPECIAL DRAWING

DIMENSIONS FOR RAILROAD CROSSING SIGNS, SIGNALS, AND MARKINGS

SPECIAL DRAWING NO RRX-107-3

INDEX NO 73507

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