

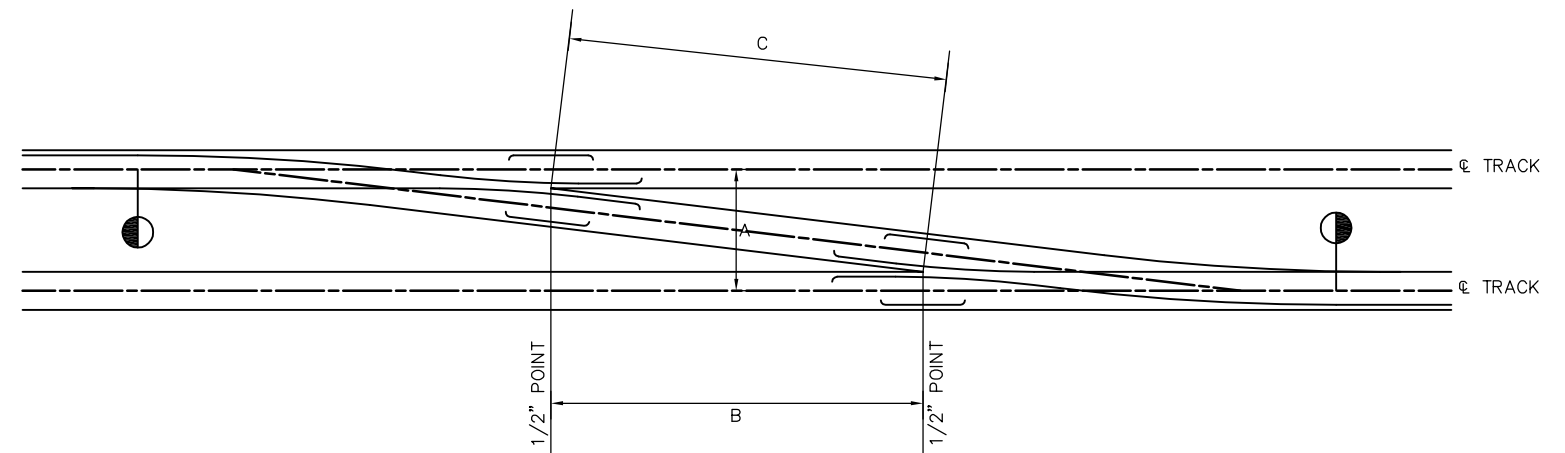
TYPICAL TURNOUT LAYOUT

TABLE 1: TURNOUT DATA

TURNOUT NO.	FROG ANGLE	FROG TYPE	A	B	C	D	E		TRACK STANDARD DRAWING NUMBER
							STRAIGHT SIDE	TURNOUT SIDE	
8	7°09'10"	RBM	30'-0"	38'-0"	68'-0"	91'-4 1/2"	7'-3"	13'-3"	SD-2401
10	5°43'29"	SPRING	32'-9 5/8"	47'-6"	80'-3 5/8"	115'-11 5/8"	14'-4"	8'-4"	SD-2501 TO SD-2504
14	4°05'27"	SPRING	44'-6 3/8"	66'-6"	111'-0 3/8"	162'-11 1/4"	14'-6 3/8"	8'-6 3/8"	SD-2601 TO SD-2604
20	2°51'51"	SPRING	72'-4"	95'-0"	167'-4"	239'-8 1/4"	14'-8"	8'-4"	SD-2701 TO SD-2704

TABLE 2: PASSENGER SPEED THROUGH TURNOUT

TURNOUT NO.	SWITCHPOINTS LENGTHS	OPERATING SPEED
8	16' - 6"	10 MPH
10	21' - 6"	25 MPH
14	29' - 0"	35 MPH
20	47' - 0"	50 MPH






TYPICAL CROSSOVER LAYOUT

TABLE 3: CROSSOVER DATA

DISTANCE BETWEEN CENTERLINE OF TRACKS	DISTANCE BETWEEN 1/2 INCH FROG POINTS								
	NO. 8 FROG		NO. 10 FROG		NO. 14 FROG		NO. 20 FROG		
	A	B	C	B	C	B	C	B	C
13'-0"	27'-7 1/8"	28'-4 7/8"	34'-8 1/8"	35'-3 7/8"	48'-9 1/4"	49'-2 3/4"	69'-10 1/16"	70'-1 15/16"	
14'-0"	35'-6 3/4"	36'-5 1/4"	44'-7 13/16"	45'-4 3/16"	62'-9"	63'-3"	89'-9 15/16"	90'-2 1/8"	
15'-0"	43'-6 3/8"	44'-5 5/8"	54'-7 9/16"	55'-4 1/2"	76'-8 13/16"	77'-3 3/16"	109'-9 3/4"	110'-2 1/4"	
16'-0"	51'-6"	52'-6"	64'-7 1/4"	65'-4 13/16"	90'-8 9/16"	91'-3 7/16"	129'-9 5/8"	130'-2 3/8"	
17'-0"	59'-5 5/8"	60'-6 3/8"	74'-6 15/16"	75'-5 1/16"	104'-8 3/8"	105'-3 5/8"	149'-9 1/2"	150'-2 9/16"	
18'-0"	67'-5 1/4"	68'-6 3/4"	84'-6 5/8"	85'-5 3/8"	118'-8 3/16"	119'-3 13/16"	169'-9 5/16"	170'-2 11/16"	
19'-0"	75'-4 7/8"	76'-7 1/8"	94'-6 5/16"	95'-5 11/16"	132'-7 15/16"	133'-4 1/16"	189'-9 3/16"	190'-2 7/8"	
20'-0"	83'-4 1/2"	84'-7 1/2"	104'-6 1/16"	105'-6"	146'-7 3/4"	147'-4 1/4"	209'-9 1/16"	210'-3"	
DIFFERENCE PER FOOT CHANGE	7'-11 5/8"	8'-0 3/8"	9'-11 11/16"	10'-0 5/16"	13'-11 13/16"	14'-0 3/16"	19'-11 7/8"	20'-0 1/8"	

REV	DATE	BY	CHK	APP	DESCRIPTION	REV	DATE	BY	CHK	APP	DESCRIPTION

PENINSULA CORRIDOR JOINT POWERS BOARD		STANDARD DRAWINGS		CADD FILE NO.: SD-2103	
APPROVED BY:		 1250 San Carlos Avenue San Carlos, CA 94070		REV: 0 DATE: 093011	
 ENGINEERING MANAGER  DEPUTY DIRECTOR OF ENGINEERING				TRACK TURNOUTS AND DERAILS STANDARD TURNOUT AND CROSSOVER DATA	