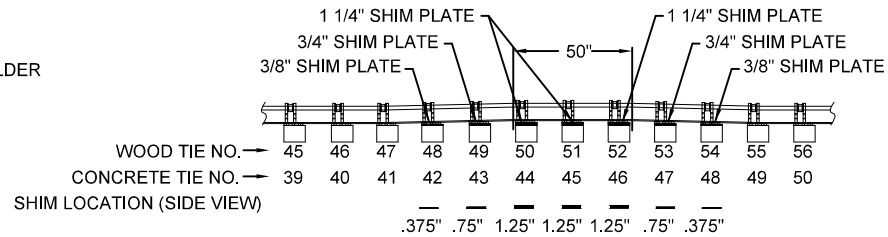
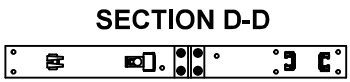


PLACE SHIM PLATES UNDER TURNOUT SIDE GUARD RAIL PLATES ON TIES AS SHOWN BELOW.

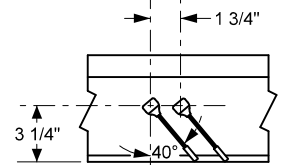


- NOTES:**
1. RECOMMENDED USE OF THIS FROG IS ON MAIN OR SIDING WHERE A MAINTENANCE BENEFIT WILL BE GAINED. DIVERGING TRAFFIC SHOULD NOT EXCEED 65 CARS AT ONE TIME. EXCEPTIONS MAY BE APPROVED BY THE CHIEF ENGINEER.
 2. FROG TO BE USED ONLY IN TURNOUTS WHERE TRACK SPEED THROUGH DIVERGING SIDE OF TURNOUT IS 10 MPH OR LESS.
 3. BODY TO BE ASSEMBLED USING 1 3/8" DIA. HEX BOLTS, FLAT WASHER, AND HEAVY HEX SECURITY NUTS. TORQUE ALL BODY BOLTS TO 2200 FT/LB MIN.
 4. A PERMANENT MARK IS TO BE PLACED ON THE CASTING AT THE 1/2" POINT OF FROG.
 5. JUMP FROG WARNING SIGN MUST BE INSTALLED PER STD DWG 0547.
 6. FOR WOOD TIE TURNOUTS, GAUGE PLATES TO BE USED ON MAINLINE SIDE AT TIES 47, 52 AND 56. GAUGE PLATE KIT TO BE ORDERED SEPARATELY FROM FROG.
 7. DO NOT INSTALL IN A CURVE OR WITHIN 200' OF POINT OF SPIRAL OF A CURVE. EXCEPTIONS MAY BE APPROVED BY THE CHIEF ENGINEER.
 8. SHIM PLATES TO BE PLACED UNDER TURNOUT SIDE GUARD RAIL PLATES. FOR MAINTENANCE OF JUMP FROGS WITHOUT SHIM PLATES, SHIM PACKAGE MAY BE ORDERED.



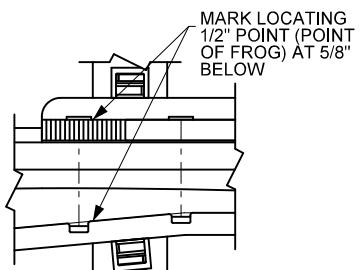
GAUGE PLATE

FOR USE WITH WOOD TIE TURNOUTS



DETAIL E (BONDING WIRES)

BOTTOM OF CABLE NOT TO HANG OVER THE EDGE OF THE RAIL BASE. FREE END OF THE CABLE TO POINT TOWARDS THE POINT OF FROG



DETAIL F

DESCRIPTION	ITEM NO.
136 LB. LH JUMP FROG	555-4235
136 LB. RH JUMP FROG	555-4239
141 LB. LH JUMP FROG	555-4362
141 LB. RH JUMP FROG	555-4367
19'-6" GUARD RAIL	556-5260
GAUGE PLATE KIT (FOR USE ON WOOD TIES)	555-7655
SHIM PACKAGE	556-9900

**UNION PACIFIC RAILROAD
ENGINEERING STANDARDS**

**NO. 11 JUMP FROG
136/141 LB. RAIL**



ADOPTED: SEP. 21, 2020
REVISED: SEP. 7, 2021
FILE NO.: 3272

STD DWG
3272A

3272A

STD DWG