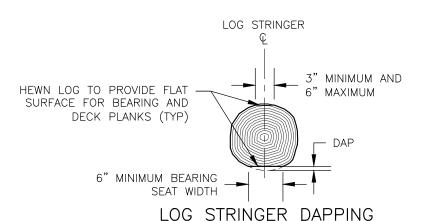


NOTES:

- 1. SPLICE RAILS AT POSTS. RAILS SHALL BE CONTINUOUS FOR A MINIMUM OF TWO POST SPACES. ALTERNATE RAIL SPLICES AT POSTS.
- 2. FASTEN RUNNING PLANKS TO DECK WITH 40d 5-INCH LONG RING SHANK NAILS AT 24-INCH SPACING. ALTERNATE SIDES WITH TWO AT EACH END. SEE PLAN-SUPERSTRUCTURE FOR LAYOUT TYPICAL
- 3. THE MINIMUM STRINGER DIAMETER FOR BRIDGES WITH PEDESTRIAN RAILINGS SHALL BE 11-INCHES. BRIDGES WITH STRINGER DIAMETERS LESS THAN 11-INCHES SHALL HAVE CURBS ONLY. SEE SHEET 4 FOR DETAILS.
- 4. FASTEN DECK PLANKS TO STRINGERS WITH TWO ROWS 5/16-INCH DIAMETER X 7-INCH RING SHANK NAILS PER PLANK AT EACH STRINGER. ALTERNATE SIDES.

POST, SPLICE, AND BOLT 5/8"ø X 10" TIMBER BOLT AND NUT. LOCATE BOLT MALLEABLE IRON WASHER (TYP) HEAD AT FACE OF RAIL 5 1/2"ø POSTS (TYP) HALF LAP RAILS AT SPLICES (TYP) 4"ø RAIL — PLAN - POLE RAIL SPLICE DETAIL



MAXIMUM DEPTH OF DAP SHALL NOT EXCEED 10% OF LOG DIAMETER OR 2-inch

*TABLE-1: ROUND LOG STRINGER PEELED SIZE MID SPAN DIAMETER REQUIREMENTS - LRFD

	**STRINGER SPAN	ΔD INITEDIAD NIADTII) AND MECTEDNI LADALI				
	(FFFT)					
	(' [[]	PEDESTRI	AN LOAD	GROUN	ND SNOW	LOAD
H)		***65	90	120	150	200
_S	10	8"	8"	8"	8"	8"
	15	9"	9"	9"	9"	10"
	20	11"	11"	11"	11"	12"
	25	13"	13"	13"	13"	14"
	30	15"	15"	15"	15"	16"
	35	17"	17"	17"	17"	18"
	40	19"	19"	19"	19"	21"
	45	21"	21"	21"	21"	23"

*STRINGER SIZE SHALL BE THE LARGER OF THE PEDESTRIAN OR GROUND SHOW LOAD SIZE REQUIRED FOR THE SITE CONDITIONS

**STRINGER LENGTH EQUAL TO STRINGER SPAN PLUS ONE FOOT

***REQUIRES REGIONAL BRIDGE ENGINEER APPROVAL

SHEET 3 OF 6

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

PROJECT NAME & LOCATION

MULTIPLE LOG STRINGER TRAIL BRIDGE DRAWING NAME

SECTION

961 - LOG STRINGER TRAIL BRIDGE

TYPICAL ID MLS

REVISION DATE DRAWING NO. STD 961-20-03a SHEET OF

NOT TO SCALE

STANDARD TRAIL PLAN