PLANKING ASSEMBLY

NOTES

1. Timbers—Use structural grade timber framed as shown.

2. Preparing—Drill 3 1/4 holes in timbers for shank of drive spike. Countersink 3/4 dia., 1/4 deep on head of drive spike. Preparing may be eliminated when specified in order. Drill 3 1/2 dia. hole for drive dowels.

3. Framing—Assemble and secure outside timbers with dowels in shop. The framing shown in Section X-X covers only tangent tracks and does not apply to curved tracks or other special track conditions.

4. Bracing—Each crossing timber shall be identified by a number with its respective designation A, B, etc. Bracing thickness is shown in Section X-X.

5. Drilling—Drill 3 1/2 dia. holes for threaded portion of drive spike in field.

6. Anchor Nails—Timber Drive Sleeves—Use 3 1/2 dia. x 12" drive spacers, 6 threaded length per A.E.A. Manual—Plan 2W 435 Sec. C—M-403—704257. Use 3 1/2 dia. x 12" long drive dowels.

7. Special Drive Sleeves—Use 3 1/2 dia. x 12" long drive dowels.

8. Grading—The required number of timbers for a complete crossing shall be based on the width of timber as shown on this plan. However, field saw cuts and grading may be necessary to give proper crossing length.

9. Order As Follows—

Prefabricated Timbers for Black Top Highway Weight of rail through crossing.
Number of flangeway timbers "A" Number of outside timbers (outside timbers considered as timber) "B".

Area between flangeways to be filled with 4" of ballast and compacted prior to application of black top. 4" Black Top is to consist of 2" of coarse grade black top properly rolled and 2" of surface grade black top properly rolled over the entire track area.

All approaches are to be properly feathered a minimum of 3/4 per inch of track rise above Road Surface.

REV.

9-8-1981

Pavement Width Variable

Section X-X

CONRAIL

STANDARD

PREFABRICATED TIMBERS FOR BLACK TOP HIGHWAY GRADE CROSSINGS DECEMBER, 1978

Chief Engineer (Civil)

70123-C

70123-C