PLANKING ASSEMBLY

SECTION X-X

SECTION A-A

NOTES

1. Timbers - Use standard treated oak timbers framed as shown.

2. Prefabricating - Drill all holes in timbers for spikes of 3/4" dia. deep for head of drive spike. Prefabricating may be eliminated when specified in order. Drill 3/8" hole for drive dowels.

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

4. Bonding - Each crossing timber shall be identified at the end with its respective designation A-G. In addition, a bolted tee plate, drive 4" high, shall be added for three feet on both ends of each drive spike in yard.

5. Winter Field Timber Drive Spikes - Use 1/2" dia. x 1 1/2" long drive spikes, B. Threaded length Drive ARE A. Muholder-Piom 396 5000. Sec. B. 5000. 7500. 5750. 5750.

6. Steel Spur Drive Spikes - Use 1/2" dia. 1 1/2" long drive dowels.

7. Ordering - The required number of cross timbers for complete crossing shall be based on the lengths of timbers shown on this plan.

8. Ballast - Ballast shall be Class A or 3 - 4 per MW 3. Both Spikes, unless otherwise approved by Chief Engineer, M.W.

10. Block Topping - Area between cross walks to be filled with 4" of ballast and compacted prior to application of block top. 4" Block Top is to consist of 2" of course grade block top properly rolled and 2" of surface grade block top properly rolled over the entire area.

12. Draining - All approaches are to be properly feathered a minimum of 3' per inch of track raise above Road Surface.

14. For State Requirements on minimum Shoulder Widths refer to table below.

15. Drainage - All gravity conditioned pipes shall be used in highway grade crossings. Act Ref. 03-36507

CONRAIL

STANDARD

PREFabricated Timbers FOR

BLACK TOP HIGHWAY GRADE CROSSINGS

DEC 1978

70123-D

CONRAIL

PREPARED BY:

CONSULTING ENGINEER:

STATE CROSSING REQUIREMENTS

Minimum Shoulder Widths Beyond Traveled Way

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>WIDTH</th>
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</thead>
<tbody>
<tr>
<td>Conn., Del., Ill., Ind., Md</td>
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<tr>
<td>Miss., Mich., N.J., Ohio, Pa</td>
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<td>N.Y.</td>
<td></td>
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<tr>
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