

MEMORANDUM

CONRAIL



TO	Distribution	DATE	June 9, 1981
FROM		FROM	<i>J. R. Conkle</i> Chief Engineer, M of W 1634 Six Penn Center
SUBJECT	Guidelines for Grade Crossing Surface Materials	PHONE	

Attached for your information and guidance is a revised copy of Conrail Guidelines for Grade Crossing Surface Materials.

Please note that Guideline #3 has been changed to increase the vehicles per day from 5,000 to 9,000 and permit use on any type track.

Please be governed accordingly.

Attachment

All Track Super
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As Info

ARB 6/15
photo return

Conrail Guidelines for Grade Crossing Surface Materials

1. Standard grade crossing surface is Timber and Asphalt as shown on Standard Plan 70123-A for all types of track and vehicular volumes.
2. The following materials are approved for use for any type track or vehicular volume if the cost of installation is to be reimbursed by others:
 - a. Goodyear Rubber
 - b. Parkco Rubber
 - c. Treated Solid Timber Panels - Premium Grade
3. The following material is approved for use on any type track if the cost of installation is reimbursed by others. Do not use on crossings with over 9,000 vehicles per day or with heavy truck traffic:
 - a. Cobra High-Density Polyethylene Structural Foam
4. The following material is approved for use only in the states of New Jersey and Massachusetts on light traffic mains, branch lines, sidings and industrial tracks with less than 10 MGT rail traffic if the cost of installation is reimbursed by others:
 - a. Nelson Rail Chairs
5. The following materials are presently under test and should not be used unless specifically requested. Approval for use at a specific location must be obtained from the Chief Engineer-Maintenance of Way:
 - a. Gen-Trac Rubber
 - b. Saf & Dri Rubber
 - c. True Temper High-Density Polyethylene
 - d. Semperit-Bodan Precast Concrete Slab
6. The following materials are not approved at the present time for any crossing:
 - a. Oneida Steel Reinforced High-Density Polyethylene
 - b. Fel Pro Track Span Rubber Epoxy
 - c. Szarka Fab-Ra-Cast Precast Concrete Slabs
 - d. Steelplank Metal Sections

Note: The above lists may be revised from time to time. If requests are made for surface materials not listed, please refer to Chief Engineer-Maintenance of Way for approval.

Chief Engineer-Maintenance of Way
750 Six Penn Center Plaza
Philadelphia, PA 19104
January 12, 1981
Revised June 9, 1981