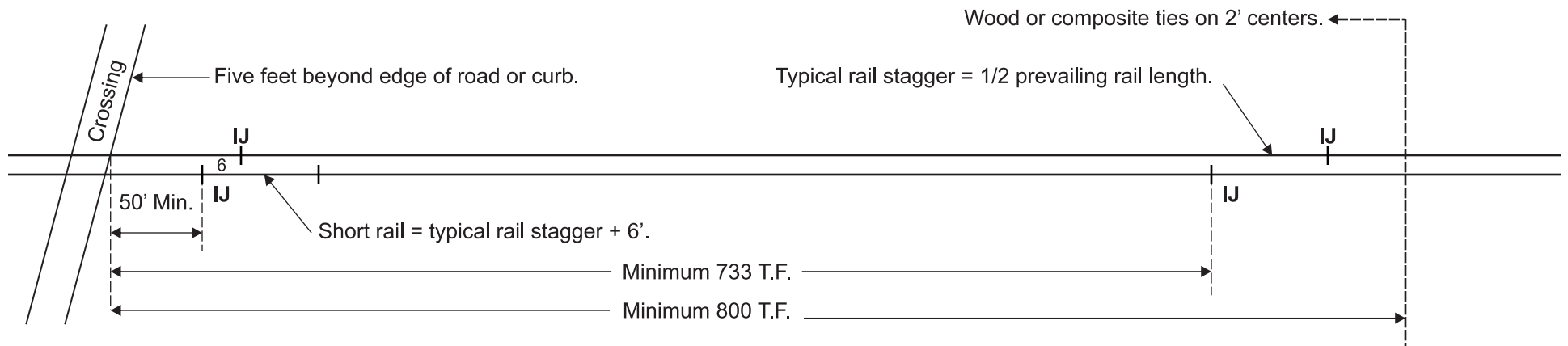


CHESAPEAKE AND DELAWARE, LLC BLACK RIVER RAILROAD SYSTEM

XJ ~ Existing Joint
CJ ~ Compromise Joint
IJ ~ Insulated Joint

Typical arrangement curve or tangent track



For guidance in new construction and upgrades:

1. Typical layout for 25MPH public grade crossing approach, where no turnouts or other special track or structures exist.
2. Far approach Insulated Joints (IJs) shall installed at existing joints, with existing staggers, unless otherwise specified.
3. IJs shall be 6-hole encapsulated and shall match the section of the existing rail.
4. The approach and island IJs closest to the crossing shall not be less than the minimum distance shown.
5. All joints between far approach IJ and road shall be double bonded.
6. All work shall meet any applicable NJDOT Commissioner's Order.
7. All materials shall be made in the USA, with providence.
8. See GX1 for crossing detail.