

BALLAST SECTIONS FOR SINGLE TANGENT TRACK

BALLAST REQUIRED FOR 1000 FEET OF SINGLE TRACK (CUBIC YARDS)		
E (IN.)	12"	L MIN.
0	973	14'-0"
1	1040	14'-6"
2	1106	15'-0"
3	1178	15'-6"
4	1257	16'-0"
5	1332	16'-6"

*SUBBALLAST SECTION UNDERNEATH TIES SHALL SLOPE DOWN FROM ONE END OF THE TIE TO PREVENT CENTER-BINDING DURING BALLAST UNLOADING OPERATIONS.

NOTES:

1. ACTUAL SUBBALLAST DEPTH TO BE DETERMINED BY CHIEF ENGINEER OF DESIGN
2. SUBGRADE EXTENSION TO 16'-6" WHEN SUPERELEVATION IS 5" OR GREATER.
3. TOP OF BALLAST TO BE FLAT ACROSS AT 1" UNDER BOTTOM OF RAIL.
4. FOR APPROVED BALLAST SOURCES, ACCESS BALLAST ORDER DATABASE IN LOTUS NOTES ON SERVER "UPRRDB2" UNDER FILE NAME UPRRDB1\BALLAST.NSF". ALL LISTED SOURCES ARE ACCEPTABLE FOR CONCRETE TIES EXCEPT FOR "AT-STRINGTOWN, OK".
5. WHERE OFF-TRACK ROADWAY IS TO BE PROVIDED, ADD 10'-0" ADDITIONAL WIDTH TO THE ROADBED SECTION AT TOP OF SELECTED MATERIAL ELEVATION.

FOR ROADBED DETAILS, SEE STD DWG 0001
FOR CONCRETE TIE DETAILS, SEE STD DWG 0201

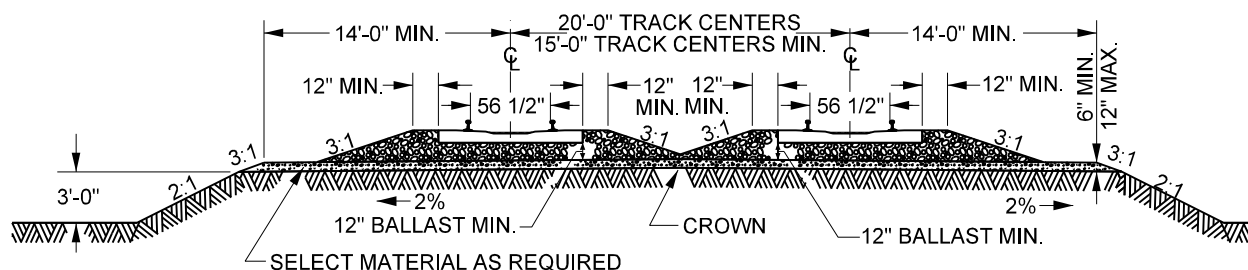
**UNION PACIFIC RAILROAD
ENGINEERING STANDARDS**

**ROADBED SECTIONS
FOR CONCRETE TIE
TRACK CONSTRUCTION**

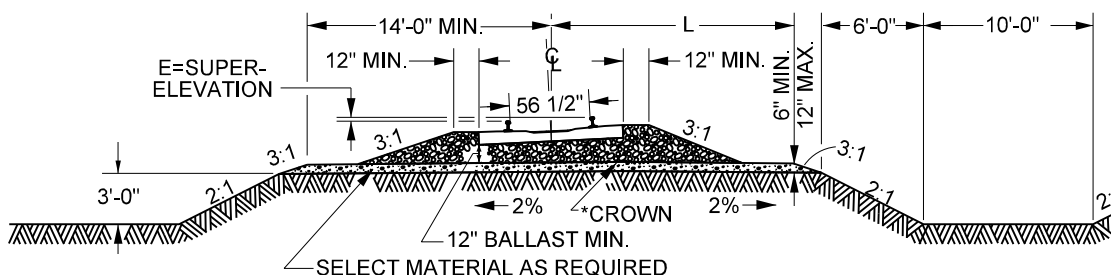


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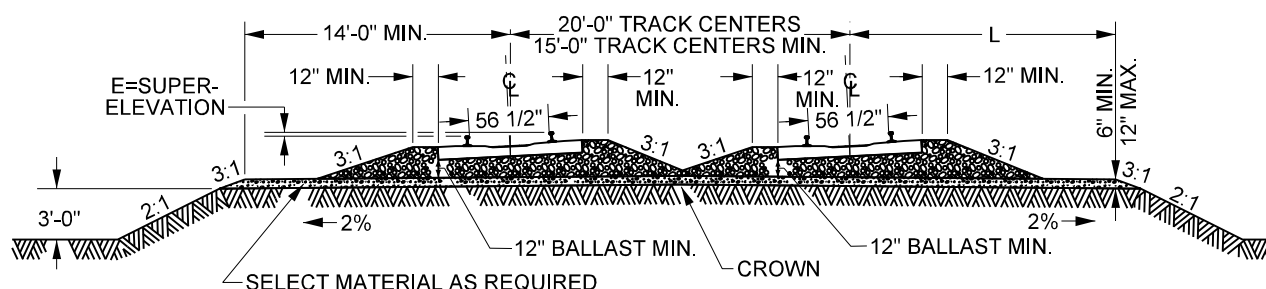
STD DWG
0002E



BALLAST SECTION FOR TWO TANGENT TRACKS



BALLAST SECTIONS FOR SINGLE CURVED TRACK



BALLAST SECTION FOR TWO CURVED TRACKS

STD DWG
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