

## ID&CM DRAWING CHECK LIST FOR SUBMITTED TRACK PLANS 03/2011

1. City or Town Name, County Name, State, and location map if needed.
2. Nearest rail stations with arrows on either side of the drawing.
3. Industry name and Consultant name with contact information.
4. North Arrow
5. 3" X 5" space in lower right hand corner for NS title block.
6. Scale 1"=50', 1"=100' (**preferred**), or 1"=200' (**maximum**).
7. Centerline of existing track(s) with labels showing track ownership and stations.
8. Location of nearby Company mileposts, signals, grade crossings, bridges and culverts with stations.
9. Note for centerline of Proposed Track(s) with length and capacity plus 30 feet or ½ car (whichever is greater) for safety.
10. Center line of Proposed Track(s) properly stationed (PS, PC, PT, et al.).
11. Distance with direction from Proposed Point of Switch to the closest Company Mile Post. Milepost cell with valuation stations (**NOT TO SCALE** if necessary) and direction of increasing mile posts.
12. Proposed Division of Ownership and Maintenance on proposed track with appropriate derail properly stationed. DSP derail to be in tangent track at 15 foot clear point plus 43 feet stationed to the next whole foot (i.e. 2+02.00). HB derails to be at the 15 foot clear point to the next whole station (i.e. 1+56.00).
13. Proposed Horizontal Curve Data for each proposed curve:  $\Delta$ , Degree of Curve, Chord Length, Tangent, Length (chorded), and Radius on **CHORD DEFINITION**. Find if data is Chord Definition by **Length of Curve (L) = 100( $\Delta$ /D)**.
14. Utilities (both above ground and buried) with Clearances noted.
15. Existing and Proposed Buildings and Structures stations with side and overhead Clearances Noted (if applicable (within 20' of the centerline of track)). If a track enters a building show the distance from the face of the building to the nearest PT if it is 90 feet or less.
16. Location, properly stationed, of all proposed turnouts, derails, unloading appurtenances, ETD's, gates, etc...
17. Horizontal and Vertical Control Data and location of Control Points with descriptions.
18. Property Boundaries and Right – of – Way information widths.
19. Location, size, type and orientation of proposed culverts (also show on profile labeling amount of cover over the top of culvert).
20. Proposed track usage: number of cars, car length, loading/unloading method, method of moving rail cars (if applicable). All loading and unloading areas must be on level grade only. Flood loaded coal facilities are the only exception and be on a 2% or less grade.
21. Overhead and side clearance dimensions for all proposed structures within 20 feet of the centerline of the existing and proposed tracks. (including their corresponding stations).
22. Typical cross section (if applicable).
23. Typical track roadbed section.
24. Typical clearance section.
25. Typical door clearance section (if applicable).
26. Typical earth mound.
27. Typical bumping post (if applicable).
28. Profile with existing main line track with grades, properly station to proposed track stations with grade, existing ground, proposed top of subgrade with note to be 2.3 feet below the proposed top of rail, and Vertical Curve Data:  $G_1$ ,  $G_2$ , L and r.
29. Typical NS Legend with completed Data.