Horizontal Laydown Assemblies

1. The full length base line is from abutment to abutment (15 points)
2. The substructures are dimensioned horizontally from the baseline (10 points)
3. Points at 10'-0" center/center and field splices are dimensioned horizontally from the baseline (1 point)
4. The center/center of bearings are dimensioned (5 points)
5. The splices are dimensioned from center line of bearings (1 point)
6. Transverse and longitudinal main members that frame together are developed for horizontal offsets (15 points)

Main Member Details (30%)

1. The cross frame and intermediate stiffeners are spaced per the framing plan (1 point)
2. There are section views for the different stiffener conditions (1 point)
3. The stiffeners have proper end fit conditions (10 points)
4. Weld termination details are correct (5 points)
5. Stiffener clips are correct (1 point)
6. Re-entrant corners are provided with a 1" radius (5 points)
7. Rolled beam cross sections have been dimensioned (1 point)
8. Individual member camber diagrams are supplied with offsets at 1/4 points (1 point)
9. Individual member sweep diagrams are supplied with offsets at 10'-0" c/c (1 point)
10. All material sizes, type or grade are per contract; shapes, member plates, splice plates, fills and stiffeners. (20 points)
11. WPS procedure numbers are identified for each weld (1 point)
12. Flange and web transitions are detailed per contract and AWS (10 points)
13. Member weld sizes and details are per contract and AWS (10 points)
14. The splice pattern, edge distance, and 1/4" maximum gap per contract (10 points)
15. The bolt diameters and types are correct per contract (20 points)
16. Piece marks match the framing plan and each piece is unique (1 point)
17. End condition such as integral abutment, flange clips, distances between end of member and center line of bearing or special fit-up are per contract (10 points)
18. Fracture Critical plates are identified per AWS and contract (25 points)

19. Fracture Critical welds are identified by WPS number and FC designation per AWS and contract (15 points)
20. Paint and no paint areas are detailed per contract (1 point)

Secondary Member Details (9%)

1. Material sizes are shown per contract (15 points)
2. Secondary member work points are dimensioned (1 point)
3. Weld sizes, lengths and locations are depicted according to AWS and contract (10 points)
4. Strut and transverse diagonals are shown with legs properly oriented (1 point)
5. There is a piece mark system (1 point)
6. Bolts and hole sizes are correct (1 point)
7. Cross slope and or superelevation has been acknowledged (15 point)

Y= yes, N= no, NA = not applicable

No partial points are available for a Y, N or NA selection

Sum of { Y / (Y + N) } x Section Factor = Fabricator Rating

Timeliness _____ (Y) / _____(Y + N)* X 15 = _____
Title Block_____(Y) / _____(Y + N) X 1 = _____
General Notes_____ (Y) / _____(Y + N) X 5 = _____
Framing Plan_____(Y) / _____(Y + N) X 10 = _____
Laydown _____(Y) / _____(Y + N)* X 30 = _____
Main Member_____(Y) / _____(Y + N)* X 30 = _____
Secondary Member_____(Y) / _____(Y + N) X 9 = _____

Summation Fabricator rating for performance of shop drawings (%) = _____

* Y / (Y + N) x 1.0 for Timeliness, Laydown or Main Members sections. If any of these individual ratings are lower than the summation fabricator rating, the Fabricator rating shall then be based upon the lowest individual section rating.

Fabricator_____Rating for Performance of Shop Drawings_____%
FABRICATOR _____RATING FOR TEST REPORTS

County:_____Project:_____Reference:_____ Date:_____