TERMINAL CONNECTION DETAILS

ELEVATION SHOWING TYPICAL REINFORCING PLACEMENT

PARAPET END

AT ABUT WINGWALL

ELEVATION SHOWING TYPICAL REINFORCING PLACEMENT

Front rail to here.

SECTION A-A

SECTION B-B

TRAFFIC RAIL

TYPE T223

Notes.

1. Terminal Connectors and associated hardware are to be paid for under the Item "Metal Guard Fencing". Attach Metal Guard Fence Transitions to the bridge rail and extend along the embankment unless otherwise shown in the plans.

2. Wingwall length minus 5'-0" (Varies)

3. Increase 2" for structures with overlay.

4. Field bend WRS as shown.

5. Bolt recesses are only required when pedestrian sidewalks are adjacent to back of rail.

6. Bars WU(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

7. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

8. Substitute bars WU(#5) for bars WU(#5) when parapet end is located on anchorage curb over caisson top slab. Use bars WU(#5) in caisson parallel wings.

9. Bar L(D5) and bar WU(#5) not shown for clarity.

10. Provide bolts of sufficient length to extend 1" beyond nut.

11. Provide bolts of sufficient length to extend 1/2" to 1/3" beyond nut.

12. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

13. Reduce 2" for structures with overlay.

14. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

15. Bolt recesses are required when pedestrian sidewalks are adjacent to back of rail.

16. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

17. Reduce 2" for structures with overlay.

18. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

19. Bolt recesses are only required when pedestrian sidewalks are adjacent to back of rail.

20. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

21. Reduce 2" for structures with overlay.

22. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

23. Bolt recesses are required when pedestrian sidewalks are adjacent to back of rail.

24. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

25. Reduce 2" for structures with overlay.

26. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

27. Bolt recesses are only required when pedestrian sidewalks are adjacent to back of rail.

28. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

29. Reduce 2" for structures with overlay.

30. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

31. Bolt recesses are required when pedestrian sidewalks are adjacent to back of rail.

32. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

33. Reduce 2" for structures with overlay.

34. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

35. Bolt recesses are only required when pedestrian sidewalks are adjacent to back of rail.

36. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

37. Reduce 2" for structures with overlay.

38. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

39. Bolt recesses are required when pedestrian sidewalks are adjacent to back of rail.

40. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

41. Reduce 2" for structures with overlay.

42. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

43. Bolt recesses are only required when pedestrian sidewalks are adjacent to back of rail.

44. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

45. Reduce 2" for structures with overlay.

46. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

47. Bolt recesses are required when pedestrian sidewalks are adjacent to back of rail.

48. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

49. Reduce 2" for structures with overlay.

50. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

51. Bolt recesses are only required when pedestrian sidewalks are adjacent to back of rail.

52. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.

53. Reduce 2" for structures with overlay.

54. Bars SU(#3), SU(#3) and WU(#5) not shown for clarity.

55. Bolt recesses are required when pedestrian sidewalks are adjacent to back of rail.

56. Bars L(#5) are part of rail reinforcing and are included in unit price bid for railing. Space with Bars L. Bars L match slab bar cover. Bars L may be bundled with top slab reinforcing if spacing is equivalent.