**CONSTRUCTION DATA**

9 Plans Completed YR \_\_\_\_\_ MO \_\_\_\_\_ DAY\_\_\_\_\_\_\_

9a. Letting Date YR \_\_\_\_\_ MO \_\_\_\_\_ DAY\_\_\_\_\_\_\_

10 Year Built \_\_\_\_\_\_\_

11 WORK Performed

New Structure  Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12 Designer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13 Fabricator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14 General Contractor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15 Project ID: - -

16 Cost: \_\_\_\_\_\_\_\_\_\_\_\_

**ROUTE NEAR INFORMATION**

17 General Location of Pole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18 Enter name of closest primary route under pole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19 Direction:  North  East

South  West

20 Designation:  Mainline  Other \_\_\_\_\_\_\_\_\_

21 Inventory Route:  On NHS  Not on NHS

22 Distance from pole to primary route (ft):\_\_\_\_\_\_\_\_\_\_

23 Enter name of next closest route to pole, if applicable \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

24 Direction:  North  East

South  West

25 Designation:  Mainline  Other \_\_\_\_\_\_\_\_\_

26 Inventory Route:  On NHS  Not on NHS

27 Distance from pole to secondary route (ft):\_\_\_\_\_\_\_\_\_\_

**STRUCTURE DATA**

**Pole Data**

28 Overall Pole Height (ft.):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

29 Pole Material: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

30 Number of Splices: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Foundation Data**

31 Footing type:  Caisson  Pile  Spread

32 Base Plate Thickness (in): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

33 # of Anchor Rods: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

34 Diameter of Anchor Rods (in): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Luminaire (Lighting) Details**

35 Manufacturer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

36 Type/Style: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

37 Number of Luminaires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FOR INTERNAL USE ONLY**

38 Type Service On: High Mast Lighting

39 Type Service Under: Land

40 Primary Route On: High Mast Lighting

41 Route on Designation: Water/Land/Other

**General Instructions and Help**

Box 1. Enter the assigned ID for the structure. Structure ID’s can be obtained by contacting the Regional Inspection Program Manager.

Box 2. Enter the region where the structure is located. If located on a boundary between two Regions, enter the Region associated with the structure ID.

Box 3. Enter the county where the structure is located. Note that the county must match the structure ID value.

Box 4/5. Enter the maintainer/owner of the structure. In some instances these codes will be different, but this is rare.

Box 6. Enter the municipality where the structure is located.

Box 7/8. Enter the Latitude and Longitude of the structure using the following format: DDMMSS.S where DD is degrees, MM is minutes, and SS.S is seconds.

Box 9. Indicate the date the plans were completed, if known. Also enter the letting date, if know, in Box 10a.

Box 10. Enter the year built, or the estimated year the structure will be built if known.

Box 11. Enter the type of work that was done on the structure. Usually this is New Structure, but if an old structure is being relocated check other and indicate structure relocation. Also, Misc. Repairs is a common item for High Mast Lighting structures.

Box 12. Enter the designer of record for the structure.

Box 13. Enter the primary fabricator of the sign/signal structure.

Box 14. Indicate the contractor who installed or will install the structure in the field.

Box 15. Enter the construction project ID, if known.

Box 16. If project has been completed, enter the total cost of the structure. Otherwise leave blank.

Box 17. Indicate the general location of the pole in relation to the roadways it is near. If a multiple quadrant intersection, name the quadrant as well.

Box 18. Enter the closest route for public highway traffic to the HML structure.

Box 19 Enter the direction of travel for the highway listed in box 18.

Box 20. Enter the function the primary roadway under performs (i.e. Mainline, Ramp, Frontage Road, etc.)

Box 21. Indicate if the primary roadway under carries the National Highway System. All IH and USH carry the system, but so do some other roads. More information on this can be found on this website: <http://www.fhwa.dot.gov/planning/national_highway_system/nhs_maps/wisconsin/index.cfm>

Box 22. Enter the length in feet from the base of the HML structure to the route listed in Box 18.

Box 23-27.If there is a secondary route that is close in proximity to the pole (i.e. if the distance from HML base to secondary route is less than the height of the pole), please enter the pertinent information in these fields.

Box 28. Enter the overall height of the pole, in Feet.

Box 29. Enter the material of the pole (aluminum, galvanized steel, etc.) and ASTM Grade.

Box 30. Most HML structures are spliced due to the height of the pole. Please indicate the number of sections the structure has spliced.

Box 31. Enter the type of footing used as the base of the HML structure.

Box 32. Enter the thickness of the base plate in inches.

Box 33-34. Indicate the number of anchor bolts used in the pole to foundation connection. Also indicate the size of the bolts, as well as the material and ASTM grading of these bolts.

Box 35-37. Indicate the specific manufacturer of the luminaire ring, as well as the type/style and number of luminaires supported by the HML structure.

Box 38-41. Used by Central Office staff in entering data into HSIS. No further information is required.