Pavement Structural Design Data Window

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Pavement Structural Design Data Window Description

The Pavement Structural Design Data window is used to add, update or view pavement structural design data. The window provides a means for capturing design and as-built pavement data for a contract and project.

Procedure

In KYTC, this window will be used to capture design data by the Division of Highway Design and the Division of Maintenance. KYTC Divisions should enter the design thickness data in SiteManager after the contract has been awarded.

The Resident Engineer (RE) should later create new record(s) with a new Project Type to reflect as-build data so that KYTC can query both design data and the as-built data. For KYTC it is possible to have different thicknesses for different sections of the Project. Therefore, new section and thicknesses should be entered using a new Project Type.

Up to three separate design or as-built Project Types can be entered for each contract project (e.g., Design 1, Design 2, Design 3, As-Built 1, As-Built-2, and As-Built 3).

Field Table

Field Name	KYTC Populations Policy & Procedure
District	Enter the District for the project. This is a required field. - For KYTC, this will be the 2-character District ID defined in the SM Administrative Offices window.
Project Type	Select the type of project (e.g. New Construction, Reconstruction). This is a required field. - For KYTC, the Project Type field indicates if the data is Design or As-Built information as well as the type of project. For example: MAJOR RECONSTRUCTION DESIGN 1, MAJOR RECONSTRUCTION AS-BUILT 1.
Subaccount #	Subaccount number for the project. This is a required field. - KYTC will not use this field for a particular use. However, since this field is required by SiteManager, users should always enter a “1” in this field.
Route Classification	Select the route classification. - For KYTC, Example: INTERSTATE

Field Name	KYTC Populations Policy & Procedure
Activity Date	Enter the Activity Date. This is a required field. - For KYTC, the Activity Date represents the last modification date of the pavement design.
Route	Enter the route number of the construction project. This is a required field.
Top Pavement Layer	Select the top surface treatment. This is a required field. - For KYTC, the Top Pavement Layer represents the riding layer. If OTHER is chosen, note the details in the Remarks bubble.
Top Pavement Thickness	Enter the thickness value for the top pavement layer.
Second Pavement Layer	Select the second pavement layer. (e.g., Asphalt Base or Binder). - If OTHER is chosen, note the details in the Remarks bubble.
Second Pavement Thickness	Enter the thickness value for the second pavement layer.
Third Pavement Layer	Select the third pavement layer. - For KYTC, if OTHER is chosen, note the details in the Remarks bubble.
Third Pavement Thickness	Enter the thickness value for the third pavement layer.
Pavement Drainage Layer	Select the pavement drainage layer. - For KYTC, the pavement drainage layer represents the internal drainage design.
Drainage Layer Thickness	Enter the thickness of the drainage layer.
Aggregate Base	Select the aggregate base. - For KYTC, the only values assigned to this field should be AGGREGATE BASE or NONE.
Aggregate Base Thickness	Enter the thickness value for the aggregate base.
Pavement Subgrade	Select the pavement subgrade. - For KYTC, the pavement subgrade represents the rock roadbed or stabilized subgrade.
Rock Roadbed Thickness	Enter the thickness value for the rock roadbed.
Pavement Shoulder	Select the pavement shoulder. - For KYTC, the pavement shoulder represents the type of shoulder.

Field Name	KYTC Populations Policy & Procedure
Soil CBR Value	Enter the Soil CBR Value
Beginning Reference Point	Enter the beginning reference point. This is a required field. - For KYTC, the Beginning Reference Point represents the beginning mile point for the project.
Ending Reference Point	Enter the ending reference point. This is a required field. - In KYTC, the Ending Reference Point represents the ending mile point for the project.
Milled Depth	Enter the milled depth. - For KYTC, the Milled Depth is the depth of pavement milling.
Number of Lanes	Enter the number of lanes involved. This is a required field.
Direction	Select the direction of the road. Example: EASTBOUND. This is a required field.
Lanes Affected	**Select the lanes that are affected.**
Inside Shoulder	Inside shoulder of lanes affected.
Lane 1	Lane 1 of lanes affected.
Lane 2	Lane 2 of lanes affected.
Lane 3	Lane 3 of lanes affected.
Lane 4	Lane 4 of lanes affected.
Lane 5	Lane 5 of lanes affected.
Lane 6	Lane 6 of lanes affected.
Lane 7	Lane 7 of lanes affected.
Lane 8	Lane 8 of lanes affected.
Lane 9	Lane 9 of lanes affected.
Lane 10	Lane 10 of lanes affected.
Outside Shoulder	Outside shoulder of lanes affected.