

## PAVEMENT DESIGN REQUEST FORM

Roadway Design Division hereby request a pavement recommendation for the project shown below.  
**PLEASE NOTE THE "INFORMATION NEEDED" SECTION.**

TO: \_\_\_\_\_ (District Materials Engineer)      DATE: \_\_\_\_\_

FROM: Keith Purvis (83-01, Roadway Design Division)

COPY TO: District Engineer ( \_\_\_\_\_ ), Roadway Design Section Engineer ( \_\_\_\_\_ )

### PROJECT INFORMATION:

Route : \_\_\_\_\_  
Descr : \_\_\_\_\_  
Squad : \_\_\_\_\_  
Survey Received: \_\_\_\_\_  
Proposed Letting Date: \_\_\_\_\_

PE # : \_\_\_\_\_  
Const# : \_\_\_\_\_  
County : \_\_\_\_\_

ENGLISH       METRIC      PAVEMENT DESIGN LIFE \_\_\_\_\_ YEARS

### TYPE PROJECT:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> New Lanes (Grade & Pave) | <input type="checkbox"/> Reconstruction           | <input type="checkbox"/> 4R/3R Rehabilitation |
| <input type="checkbox"/> New Lanes (Pave Only)    | <input type="checkbox"/> Bridge Replacement       | <input type="checkbox"/> Slide Repair         |
| <input type="checkbox"/> Realignment              | <input type="checkbox"/> Intersection Improvement | <input type="checkbox"/> Widen & Overlay      |
| <input type="checkbox"/> Other : _____            |   |   |

### ATTACHMENTS :

- Layout/Plan-Profiles       Design Traffic Data
- Other : \_\_\_\_\_

### INFORMATION REQUESTED :

- Flexible Pavement Design (SPECIFY ST, HT, OR POLYMER \_\_\_\_\_)
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Rigid Pavement Design           | <input type="checkbox"/> Rehabilitation Strategy | <input type="checkbox"/> Original Soil Profile   |
| <input type="checkbox"/> Shoulder Design                 | <input type="checkbox"/> F.W.D. Analysis         | <input type="checkbox"/> Final Soil Profile      |
| <input type="checkbox"/> Earthwork Plan ( <b>BELOW</b> ) | <input type="checkbox"/> Core Analysis           | <input type="checkbox"/> Temporary\Detour Design |
- Pavement Design (Crossing Routes) SPECIFY: \_\_\_\_\_
- Other : \_\_\_\_\_

### EARTHWORK PLAN

A proposed earthwork plan should be included in pavement recommendations for all projects which include a significant amount of grading. This plan should specify the design CBR and detail any special instructions (such as undercutting, or requiring a certain class borrow in the design soil) necessary to achieve it. This plan should identify any high-volume change soil (>60%), and propose one of the three methods included in S.O.P. # T.M.D. 20-14-00-000 for treating it. Furthermore, if the removal of high volume change material is required, a recommendation should be made on whether to utilize this material in embankments, or to waste the material. Please note that if high-volume change material is to be used in fill sections, then 5:1 fill slopes must be specified, and a select borrow (classes listed in SOP) must be placed over that material. Any such areas, in which it is proposed to place high-volume change material within the roadway embankment, shall be included in the District's recommendation.

Revised 01/22/98