

# Streets *and* Local Roads

## Design Assistance Program

### How do I submit a project for Design Services?

A project is submitted by completing the APPLICATION FORM and providing the information and files requested in the application. Transmit all of the data to the regional national resource director or directly to Brian Killingsworth. The application form and additional information about the program are available at:

[www.concretepromotion.org/streets/dap.html](http://www.concretepromotion.org/streets/dap.html)

### What is the submittal process for projects?

A project is submitted by completing the application form to NRMCA and providing the information and files requested.

### How fast will I receive Design Suggestions?

Concrete pavement design proposals typically take 5 business days to complete but may vary depending on project complexity and data provided. Although design proposals will be completed by a professional engineer, they will not be sealed or stamped.

### How much will the service cost?

**NRMCA Members:** The Streets & Local Roads design Assistance Program (SLR DAP) is free to all NRMCA state affiliates for the first project and \$300 per project thereafter. All SLR DAP projects are free for Member producers. However, if travel is requested or other expenses are required, NRMCA will develop a cost proposal for these services and negotiate a fee with the applicant (usually for travel expenses only).

**Non-Members:** Non-members may request design services at \$2,000 per project plus expenses.

### What will be included in the Design Suggestions?

For each application containing the necessary Project Information, NRMCA will provide the following items in the Concrete Pavement Design Proposal:

1. Recommended concrete pavement thicknesses to be determined by acceptable engineering practices for anticipated loading conditions. Typically, the StreetPave design software program offered by the American Concrete Pavement Association (ACPA) is utilized to determine the optimal pavement design thickness. Other methods may be utilized depending on the local design requirements or to fulfill the needs of the applicant.
2. Recommendations for whether aggregate or stabilized base materials are needed for optimal pavement performance. Recommendations regarding the need for subgrade stabilization will also be provided.
3. Suggested reference specification entitled *Guide Specification for Materials and Construction of Jointed Unreinforced Concrete Pavement for Streets and Local Roads* for use by owners and their design consultants to define material and construction requirements, criteria, and expectations of material suppliers and construction contractors.
4. Suggested typical design details which may include curbs, gutters, contraction joints, isolation joints, construction joints, thickened edges, tied joints, doweled joints, etc.
5. Life-Cycle Cost Analysis to determine the total cost of ownership will be completed if accurate cost data is provided or can be obtained.
6. Disclaimer stating that the Design Suggestions are not every known fact about concrete pavement but comply with current industry standards. The final design is the responsibility of the engineer on record for the project.