

**CHAPTER II
PRELIMINARY DESIGN**

4R PAVEMENT REHABILITATION ANALYSIS DATA AND CONCEPTUAL STUDY REPORT

Freeway (Non-Interstate)

Interstate

PART I

1. Project Information

- A. Job Number:
- B. County:
- C. Route:
- D. Functional Classification:
- E. Project Location (attach location sketch):
- F. Project Description:
- G. Project Length:
- H. Note any other projects scheduled in the MoDOT long range plan which would reconstruct or upgrade this section.

2. Traffic Data

- A. Construction Year (_____) ADT:
- B. Design 20-Year (_____) ADT:
- C. % Trucks:
- D. ESAL's - Flexible & Rigid:
- E. Design Speed:

3. Existing Pavement Data

- A. Attach typical sections showing thickness of existing pavement and shoulder structure.
- B. Give the history of the existing pavement to include the type, thickness, date of original construction and any subsequent pavement rehabilitation, such as resurfacing.
- C. Attach the latest ARAN data.
- D. Summarize the type, extent or severity level, and if known, the cause of the pavement distress.
- E. Indicate any restrictions to adding thickness to the existing roadway.
- F. Attach a straight-line profile of the existing pavement for each direction of roadway.
- G. Attach a sketch of existing lanes, additional lanes proposed under the project, and additional lanes programmed in the future.

