

INTEROFFICE MEMORANDUM

DATE: April 27, 1992

TO: BRIDGE DIVISION PERSONNEL
FROM: Veral Pinkerton, Bridge Engineer
SUBJECT: Dead Load Deflections for Reinforced
Slab Concrete Spans

Equation 8.1 shall be used to calculate I_e and the multiplication factor for long-time deflection in paragraphs (a) and (b) of Subsection 8.13.4 of the Standard Design Specifications shall be modified for the design of reinforced slab concrete spans to read as follows:

Long-time Deflection - 3 times immediate deflection

Long-time deflection shall not exceed one-half inch for square bridges. Modification for skew is as follows:

<u>Skew</u>	<u>Total Deflection</u>
0°	3 (immediate) but $\leq \frac{1}{2}$ "
15°	2.5 " " $\leq \frac{7}{16}$ "
30°	2.0 " " $\leq \frac{5}{16}$ "
40°	1.5 " " $\leq \frac{1}{4}$ "
45° & above	1.0 " " $\leq \frac{3}{16}$ "

JAS:bw