STRAND TABLE

Deck panel thickness		Clear span				
		Under 4′	4′ through 5′	5′ through 6′	6′ through 7′	7′ through 7′–6
3″ Panel, Stress Relieved Strands	No. of Strands	10	12	14	18	20
	Strand Spacing	9 @ 10″	11 @ $8\frac{1}{8}$″	13 @ $6\frac{7}{8}$″	17 @ $5\frac{1}{4}$″	19 @ $4\frac{3}{4}$″
3″ Panel, Low Relaxation Strands	No. of Strands	9	11	13	16	18
	Strand Spacing	8 @ $11\frac{1}{4}$″	10 @ 9″	12 @ $7\frac{1}{2}$″	16 @ 6″	17 @ $5\frac{1}{4}$″
$2\frac{1}{2}$″ Panel, Stress Relieved Strands	No. of Strands	10	11	13	18	22
	Strand Spacing	9 @ 10″	10 @ 9″	12 @ $7\frac{1}{2}$″	17 @ $5\frac{1}{4}$″	21 @ $4\frac{1}{4}$″
$2\frac{1}{2}$″ Panel, Low Relaxation Strands	No. of Strands	9	10	12	17	18
	Strand Spacing	8 @ $11\frac{1}{4}$″	9 @ 10″	11 @ $8\frac{1}{8}$″	16 @ $5\frac{5}{8}$″	17 @ $5\frac{1}{4}$″

GENERAL NOTES :

1. Details shown on this sheet are based on an 8 ft panel width. Alternate widths will be permitted, subject to the approval of the Engineer.
2. Initial tension per strand to be 16070 lbs for stress relieved strands or 17210 lbs for low relaxation strands.
3. Nominal steel area of a $\frac{3}{8}$″ dia. grade 270 ksi strand to be 0.111 sq in.
4. Precast deck panel concrete:
   Minimum compressive strength at 28 days shall be 5000 psi.
   Minimum compressive strength at time of initial prestressing shall be 4000 psi.

INDIANA DEPARTMENT OF TRANSPORTATION

PRECAST DECK PANEL STRAND TABLE & NOTES

MAY 2000

STANDARD DRAWING NO. **E 707–BPDP–02**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 5–01–00
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 5–01–00
CHIEF HIGHWAY ENGINEER DATE