STRAND TABLE

Deck panel thickness		Clear span				
		Under 1200	1200 through 1499	1500 through 1799	1800 through 2099	2100 through 2290
75 mm Panel, Stress Relieved Strands	No. of Strands	10	12	14	18	20
	Strand Spacing	9 @ 255	11 @ 210	13 @ 175	17 @ 135	19 @ 120
75 mm Panel, Low Relaxation Strands	No. of Strands	9	11	13	16	18
	Strand Spacing	8 @ 285	10 @ 230	12 @ 190	16 @ 145	17 @ 135
65 mm Panel, Stress Relieved Strands	No. of Strands	10	11	13	18	22
	Strand Spacing	9 @ 255	10 @ 230	12 @ 190	17 @ 135	21 @ 110
65 mm Panel, Low Relaxation Strands	No. of Strands	9	10	12	17	18
	Strand Spacing	8 @ 285	9 @ 255	11 @ 210	16 @ 145	17 @ 135

GENERAL NOTES :

1. Details shown on this sheet are based on a 2440 mm panel width. Alternate widths will be permitted, subject to the approval of the Engineer.
2. Initial tension per strand to be 71.5 kN for stress relieved strands or 76.6 kN for low relaxation strands.
3. Nominal steel area of a 9.53 mm dia. grade 1860 MPa strand to be 71.33 mm^2.
4. Precast deck panel concrete:
   Minimum compressive strength at 28 days shall be 34.5 MPa.
   Minimum compressive strength at time of initial prestressing shall be 27.6 MPa.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

PRECAST DECK PANEL
STRAND TABLE & NOTES
MAY 2000

STANDARD DRAWING NO. 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