F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	427
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

TRUSS SCHEDULE (ALUMINUM)					See code table					
SPAN	L1	L2, L3	L4, L5	L6	a	b	c	d	e	CAMBER④
36 m	6.1 m	6.1 m	6.1 m	6.1 m	EX	AY	AY	CY	AY	50 mm
40 m	7.5 m	6.1 m	6.1 m	7.5 m	EX	AY	AY	CY	AY	50 mm

END SUPPORT SCHEDULE (STEEL)	See code table		
H	f	g	h
8.1 Max.	CZ	CZ	BX

CODE	DIAMETER	CODE	WALL THICKNESS
A	76 mm	X	12.7 mm
B	273 mm	Y	6.48 mm
C	89 mm	Z	10 mm
E	152 mm		

NOTES:

1. Sign area = 45 m^2 max.
2. Upright Material: ASTM A-53 yield stress 241 MP
   Base plate thickness: 63.5 mm
   Anchor Bolt: 51 mm X 1830 mm
   Flange plate Thickness: 38.1 mm
   Anchor Bolt: 10-25.4 mm
3. Use Footing Standard 802-SNBF-07.

④ Ordinate at center of assembled truss prior to dead load deflection. Allowable camber tolerance for truss is 25%.

5. See Standard Drawing 802-SNOH-15 for dimension locations.

All dimensions are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN STRUCTURE TRUSS SCHEDULES 36m AND 40m SPANS

SEPTEMBER 2004

STANDARD DRAWING NO. 802-SNOH-16

RICHARD L. VANCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

/s/ Richard L VanCleave — 9-21-04
DESIGN STANDARDS ENGINEER — DATE

/s/ Richard K Snyder — 9-21-04
CHIEF HIGHWAY ENGINEER — DATE

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