STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	(SNIB-M003-00(340)	263	411

TABLE LISTING SHEET NOS. (from Index), MAXIMUM HEIGHTS OF FILL ABOVE CULVERT, AND WINGWALLS & PARAPETS STANDARDS FOR SPECIAL DESIGN BOX CULVERTS.

SIZE (feet) SPAN	SIZE (feet) HEIGHT	SINGLES: SHEET NO. FOR SPECIAL DESIGN —(See Index at Right.)	SINGLES: MAX. HEIGHT OVER CULVERT (ft.)	SINGLES: WINGWALLS & PARAPETS STANDARD	DOUBLES: SHEET NO. FOR SPECIAL DESIGN —(See Index at Right.)	DOUBLES: MAX. HEIGHT OVER CULVERT (ft.)	DOUBLES: WINGWALLS & PARAPETS STANDARD	TRIPLES: SHEET NO. FOR SPECIAL DESIGN —(See Index at Right)	TRIPLES: MAX. HEIGHT OVER CULVERT (ft.)	TRIPLES: WINGWALLS & PARAPETS STANDARD	SIZE (feet) HEIGHT	SIZE (feet) SPAN
4	3	5 6 7	60	* 2321							3	4
	4	1 3 4	90	* 2321	12 13	100	* 2325				4	
	5	1 3 4	80	* 2321	▽12 13	10	* 2325 ▽				5	
	6	1 3 4	60	* 2322							6	
5	4	1 3 4	90	* 2321	12 13	70	* 2325				4	5
	5	4a & 4b	160	* 2321	9 10 11	60	* 2325	18	60	* 2325	5	
	6	1 3 4	60	* 2322	14 15 16	80	* 2325				6	
	7, 8	2	30, 10	2323 ▽								
6	4	2 3 4	80	* 2321				19	50	* 2325	4	6
	5	5 6 7	80	* 2321	9 10 11	70	* 2325	20	80	* 2325	5	
	6	1 3 4	80	* 2321	13a & 13b	120	* 2325	21	50	* 2325	6	
	7				▽9 10 11	50	* 2326 ▽				7	
	8	▽1 3 4	53	* 2323 ▽							8	
7	4	2 3 4	70	* 2323							4	7
	5	8	80	* 2323	9 10 11	80	* 2326	22	50	* 2326	5	
	6	5 6 7	80	* 2323	14 15 16	60	* 2326	23	80	* 2326	6	
	7	8	80	* 2323	17	80	* 2326	24	50	* 2326	7	
	8	▽5 6 7	20	* 2323 ▽							8	
8												8
	6	5 6 7	60	* 2323	14 15 16	60	* 2326	25	80	* 2326	6	
	7	5 6 7	80	* 2323	14 15 16	60	* 2326				7	
	8	5 6 7	60	* 2323	14 15 16	110	* 2326	26	80	* 2326	8	
								26-a	40	2327 ▽	10	
9	5	8	10	* 2323							5	9
	6										6	
	6	8	80	* 2323	17	30	* 2326					
	7							27	50	* 2326	7	
	8	8	90	* 2323	14 15 16	40	* 2326	28	50	* 2326	8	
	9	8	80	* 2323	9 10 11	50	* 2326	29	50	* 2326	9	
10												10
	6				9 10 11	50	* 2327	30	30	* 2327	6	
	7										7	
	8				9 10 11	80	* 2327	31	50	* 2327	8	
	9	8	80	* 2324	9 10 11	40	* 2327	32	40	* 2327	9	
	10	5 6 7	50	* 2324				33	50	* 2327	10	
	11							34	30	* 2327	11	
	12							35	60	* 2327	12	

* STANDARDS INDICATED ABOVE SHOW CULVERTS PERPENDICULAR TO ROADWAY. FOR SKEWED CULVERTS SEE ALSO STANDARD 2328, 2329 OR 2330 (AS APPLICABLE), AND STANDARD 2331 FOR WINGWALLS & PARAPETS QUANTITIES.

▽ FOR SINGLE 6'x8' & SINGLE 7'x8' CULVERTS USE WINGWALLS & PARAPETS FOR A 8'x8' WITH THE PARAPET AND K BARS REDUCED IN LENGTH BY 2 FT. AND 1 FT. RESPECTIVELY. FOR A DOUBLE 6'x7' USE WINGWALLS & PARAPETS FOR DOUBLE 7'x7' WITH PARAPET AND K BARS REDUCED IN LENGTH BY 2 FEET. FOR A DOUBLE 4'x5' USE WINGWALLS & PARAPETS OF A DOUBLE 5'x5' WITH PARAPET AND K BARS REDUCED IN LENGTH BY TWO FEET. REDUCE CONCRETE REQUIRED FOR PARAPETS & TOEWALLS (2 ENDS) BY 0.32 & 0.64 CU YDS. FOR WIDTH DECREASES OF 1 FT. AND 2 FT. RESPECTIVELY. IF CULVERT IS SKEWED, DIVIDE THE 1 FT. OR THE 2 FT. BY THE SINE OF THE SKEW ANGLE TO OBTAIN THE REDUCTION. OTHER NON-STANDARD CULVERT SIZES SUCH AS 5'x7', 5'x8' OR 8'x10' SHALL BE SIMILARLY TREATED BY MODIFYING WINGWALLS & PARAPETS FOR 7'x7', 8'x8' AND 10'x10' RESPECTIVELY.

INDEX OF SPECIAL DESIGN BOX CULVERTS

	SHEET NO.	TITLE	DATE
SINGLES	1	SHEET 1 OF 3 — 4x4, 4x5 4x6 5x4 5x6 6x6 6x8	10-23-97
	2	SHEET 1A OF 3 - 6x4 7x4 5x7 5x8	11-26-01
	3	SHEET 2 OF 3 — 4x4, 4x5 4x6 5x4 5x6 6x6 6x8, 5x7, 7x4	1-23-86
	4	SHEET 3 OF 3 4x4, 4x5, 4x6, 5x4 5x6, 6x6, 6x8, 6x4, 7x4	5-22-84
	4a & 4b	5x5	11-26-01 & JULY 82
	5	SHEET 1 OF 3 — 4x3, 10x10 6x5 7x6 7x8 8x7 8x6 8x8	11-26-01
	6	SHEET 2 OF 3 — 4x3, 10x10 6x5 7x6 7x8 8x7 8x6 8x8	9-18-84
	7	SHEET 3 OF 3 — 4x3, 10x10 6x5 7x6 7x8 8x7 8x6 8x8	9-18-84
	8	7x7 9x9 7x5 9x8 10x9 9x6 9x5	11-26-01
DOUBLES	9	SHEET 1 OF 3 — DOUBLE 6x7, 6x5, 9x9, 10x8, 10x9, 5x5, 7x5, 10x6	10-23-97
	10	SHEET 2 OF 3 — DOUBLE 6x7, 6x5, 9x9, 10x8, 10x9, 5x5, 7x5, 10x6	11-26-01
	11	SHEET 3 OF 3 — DOUBLE 6x7, 6x5, 9x9, 10x8, 10x9, 5x5, 7x5, 10x6	6-7-90
	12	SHEET 1 OF 2 — DOUBLE 5x4, 4x4, 4x5	11-26-01
	13	SHEET 2 OF 2 — DOUBLE 5x4, 4x4, 4x5	10-12-83
	13a & 13b	DOUBLE 6x6	11-26-01 & JULY-82
	14	SHEET 1 OF 3 — DOUBLE 5x6 8x8 9x8 7x6 8x7 8x6	11-26-01
	15	SHEET 2 OF 3 — DOUBLE 5x6 8x8 9x8 7x6 8x7 8x6	5-22-84
	16	SHEET 3 OF 3 — DOUBLE 5x6 8x8 9x8 7x6 8x7 8x6	3-19-93
	17	DOUBLE 7x7 9x6	11-26-01
TRIPLES	18	TRIPLE 5x5	11-26-01
	19	TRIPLE 6x4	11-26-01
	20	TRIPLE 6x5	11-26-01
	21	TRIPLE 6x6	11-26-01
	22	TRIPLE 7x5	11-26-01
	23	TRIPLE 7x6	11-26-01
	24	TRIPLE 7x7	11-26-01
	25	TRIPLE 8x6	11-26-01
	26	TRIPLE 8x8	11-26-01
	26-a	TRIPLE 8x10	11-26-01
	27	TRIPLE 9x7	11-26-01
	28	TRIPLE 9x8	11-26-01
	29	TRIPLE 9x9	11-26-01
	30	TRIPLE 10x6	11-26-01
	31	TRIPLE 10x8	11-26-01
	32	TRIPLE 10x9	11-26-01
	33	TRIPLE 10x10	11-26-01
	34	TRIPLE 10x11	11-26-01
	35	TRIPLE 10x12	11-26-01
	36	QUADRUPLE 7x4	11-26-01

REV. DATES (1, 9, 10, 11, 14) 6-11-90
K.L.J. GEN. REVISIONS 3-21-88
R.M.U. REV. DATES 9-26-84
R.N.H. REV. DATES 5-29-84
R.M.U. GENERAL REVISIONS 3-17-83
R.M.U. REV DATES FOR 3 4 12 13 2-26-81

REV. DATES (2, 4a, 5, 8, 10, 12, 13a, 14, 17-36) 11-26-01
G.J.P. REV. DATES (19) 11-18-97
G.J.P. REV. DATES (18, 21, 22, 24, 26, 28, 30, 31, 33, 34, 35) 11-4-97
G.J.P. REV. DATES (1, 2, 4b.5, 8, 9, 13a, 14, 20, 23, 27, 29) 10-23-97

INDEX OF SPECIAL DESIGN BOX CULVERTS

TABLE LISTING SHEET NOS. (from Index), MAXIMUM HEIGHTS OF FILL ABOVE CULVERT, AND WINGWALL & PARAPET STANDARDS FOR SPECIAL DESIGN BOX CULVERTS.

MARCH, 1980