STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		627	839

DOUBLE 6'-0" X 3'-0" BOX CULVERT

BARREL REINFORCEMENT QUANTITIES AND DIMENSIONS

DESIGN	1	2	3	4	5	6	7	8
BAR A *	1 - 409	1 - 407A	1 - 409A	1 - 410A	1 - 413A			
BAR B *	1 - 464	1 - 523	1 - 605	1 - 701	1 - 801			
BAR C	405A @ 12"	524 @ 12"	525 @ 12"	527 @ 12"	528 @ 12"			
BAR D *	1 - 406A	1 - 408A	1 - 526	1 - 606	1 - 607			
BAR F	412 @ 12"	418 @ 12"	454 @ 12"	411A @ 12"	422 @ 12"			
BAR G	412 @ 12"	418 @ 12"	454 @ 12"	411A @ 12"	422 @ 12"			
BAR H	0	0	0	0	0			
BAR J IN 2 SLABS	36 - 406	36 - 406	36 - 406	36 - 406	36 - 406			
BAR K IN 3 WALLS	9 - 407	9 - 407	9 - 407	9 - 407	9 - 407			
BAR L IN EXT. CORNER	0	2-419 @ 9"	2-456 @ 9¾"	3-412A @ 7"	4-414A @ 5½"			
BAR L IN INT. CORNER	0	3-419 @ 9"	5-456 @ 5"	7-412A @ 4"	9-414A @ 3"			
T_1	8"	9"	10"	11"	12"			
T_2	8"	9"	10"	11"	12"			
X	14'-4"	14'-6"	14'-8"	14'-10"	15'-0"			
Y	4'-4"	4'-6"	4'-8"	4'-10"	5'-0"			
CY CLASS A CONCRETE/FT	0.986	1.102	1.220	1.341	1.463			
LB BAR REINF STEEL/FT	103.1	143.6	171.6	212.1	244.1			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 90° SKEW - TOTAL								
CY CLASS A CONCRETE	4.4	4.6	4.7	4.9	5.0			
LB BAR REINF STEEL	732	735	737	739	741			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 75° SKEW - TOTAL								
CY CLASS A CONCRETE	4.6	4.7	4.9	5.0	5.2			
LB BAR REINF STEEL	942	947	951	955	960			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 60° SKEW - TOTAL								
CY CLASS A CONCRETE	5.8	5.9	6.1	6.2	6.3			
LB BAR REINF STEEL	1006	1011	1016	1021	1026			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 45° SKEW - TOTAL								
CY CLASS A CONCRETE	7.1	7.3	7.5	7.6	7.8			
LB BAR REINF STEEL	1165	1171	1178	1184	1191			

DOUBLE 6'-0" X 4'-0" BOX CULVERT

BARREL REINFORCEMENT QUANTITIES AND DIMENSIONS

DESIGN	1	2	3	4	5	6	7	8
BAR A *	1 - 415A	1 - 416A	1 - 417A	1 - 418A	1 - 420A			
BAR B *	1 - 462	1 - 529	1 - 605	1 - 701	1 - 801			
BAR C	405A @ 12"	524 @ 12"	525 @ 12"	527 @ 12"	528 @ 12"			
BAR D *	1 - 406A	1 - 408A	1 - 526	1 - 606	1 - 607			
BAR F	426 @ 12"	430 @ 12"	462 @ 12"	419A @ 12"	433 @ 12"			
BAR G	426 @ 12"	430 @ 12"	462 @ 12"	419A @ 12"	433 @ 12"			
BAR H	0	0	0	0	0			
BAR J IN 2 SLABS	36 - 406	36 - 406	36 - 406	36 - 406	36 - 406			
BAR K IN 3 WALLS	12 - 407	12 - 407	12 - 407	12 - 407	12 - 407			
BAR L IN EXT. CORNER	0	2-419 @ 9"	2-456 @ 9"	3-412A @ 6½"	4-414A @ 5½"			
BAR L IN INT. CORNER	1 - 413	3-419 @ 8½"	5-456 @ 5"	7-412A @ 4"	9-414 @ 3"			
T_1	8"	9"	10"	11"	12"			
T_2	8"	9"	10"	11"	12"			
X	14'-4"	14'-6"	14'-8"	14'-10"	15'-0"			
Y	5'-4"	5'-6"	5'-8"	5'-10"	6'-0"			
CY CLASS A CONCRETE/FT	1.072	1.194	1.319	1.445	1.574			
LB BAR REINF STEEL/FT	114.4	150.9	178.9	219.2	251.4			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 90° SKEW - TOTAL								
CY CLASS A CONCRETE	5.1	5.3	5.4	5.6	5.7			
LB BAR REINF STEEL	768	771	773	775	777			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 75° SKEW - TOTAL								
CY CLASS A CONCRETE	5.3	5.4	5.6	5.8	5.9			
LB BAR REINF STEEL	979	983	988	992	997			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 60° SKEW - TOTAL								
CY CLASS A CONCRETE	6.6	6.7	6.9	7.0	7.2			
LB BAR REINF STEEL	1043	1048	1053	1058	1063			
PARAPET, BARREL END, AND TOEWALL QUANTITIES - 45° SKEW - TOTAL								
CY CLASS A CONCRETE	8.1	8.3	8.4	8.6	8.8			
LB BAR REINF STEEL	1203	1210	1216	1223	1229			

* NUMBER OF BARS A, B, OR D SHOWN SHALL BE PLACED AT EQUAL SPACES BETWEEN EACH PAIR OF BARS C AT EACH LOCATION.

AS-BUILT

DATE	REVISIONS	BY

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

SPECIAL DESIGN
REINFORCED CONCRETE
DOUBLE BOX CULVERT

NO SCALE — MARCH 2003

BRIDGE SHEET 2E OF 3

DESIGNED WEI — CHECKED X — REVIEWED JPT/MCD
DRAWN KWK — DESIGN GROUP WEI — APPROVED PVL