REINFORCING STEEL - 2 WINGS

SAME FOR ALL DEPTHS OF FILL

45° SKEW

WING C

CLEAR SPAN	CLEAR HEIGHT		E BARS AT 12"C. TO C. SIZES AS SHOWN FOR WING A																					F BARS 1/2"DIA. AT 12"C. TO C.										CLEAR HEIGHT	CLEAR SPAN
	4'	NUMBER	4	4	4	4	4	4	4	4	4	2												10	2	2	2							4'	
		LENGTH	7'-10"	7'-7"	7'-2"	6'-10"	6'-5"	6'-0"	5'-7"	5'-2"	4'-9"	4'-7"												18'-8"	14'-0"	9'-0"	4'-1"								
	5'	NUMBER	4	4	4	4	4	4	4	4	4	4	4											10	2	2	2	2						5'	
		LENGTH	8'-10"	8'-7'	8'-2"	7'-9"	7'-4"	6'-11"	6'-7"	6'-1"	5'-8"	5'-4"	4'-11"											2'-8"	18'-8"	13'-10"	9'-0"	4'-1"							
	6'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	2									10	2	2	2	2	2					6'	
		LENGTH	9'-10"	9'-7"	9'-2"	8'-9'	8'-4"	7'-11"	7'-6"	7'-0"	6'-7"	6'-2"	5'-9"	5'-4"	5'-1"									24'-2"	22'-10"	18'-1"	13'-6"	8'-10"	4'-1"						
	7'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2							10	2	2	2	2	2	2				7'	
		LENGTH	11'-7"	11'-4"	10'-10"	10'-4"	9'-9"	9'-4"	8'-10"	8'-4"	7'-11"	7'-4"	6'-10"	6'-4"	5'-11"	5'-4"	5'-2"							28'-2"	27'-0"	22'-5"	17'-11"	13'-3"	8'-1"	4'-0"					
10'	8'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2						12	2	2	2	2	2	2				8'	10'
		LENGTH	13'-5"	13'-1"	12'-7"	12'-0"	11'-6"	10'-11"	10'-5"	9'-10"	9'-3"	8'-9"	8'-3"	7'-8"	7'-2"	6'-7"	6'-0"	5'-9"						30'-8"	26'-10"	22'-5"	17'-9"	13'-1"	8'-6"	3'-10"					
	9'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					12	2	2	2	2	2	2	2			9'	
		LENGTH	15'-0"	14'-9"	14'-1"	13'-6"	12'-10"	12'-4"	11'-8"	11'-2"	10'-6"	10'-0"	9'-5"	8'-10"	8'-3"	7'-9"	7'-1"	6'-7"	5'-11"					33'-2"	30'-10"	26'-5"	22'-0"	17'-6"	13'-0"	8'-5"	3'-11"				
	10'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				12	2	2	2	2	2	2	2	2		10'	
		LENGTH	16'-8"	16'-3"	15'-7"	15'-0'	14'-6"	13'-10"	13'-3"	12'-7"	12'-0"	11'-6"	10'-10"	10'-2"	9'-8"	9'-1"	8'-6"	7'-10"	7'-2"	6'-8"				35'-8"	34'-10"	30'-6"	26'-1"	21'-7"	17'-3"	12'-9"	8'-2"	3'-9"			
	11'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2		14	2	2	2	2	2	2	2	2		11'	
		LENGTH	18'-2"	17'-9"	17'-1"	16'-6"	15'-11"	15'-3"	14'-7"	14'-0"	13'-5'	12'-9"	12'-2"	11'-6"	10'-1"	10'-3"	9'-8"	9'-0"	8'-5"	7'-9"	7'-2"	6'-10"		38'-2"	34'-9"	30'-4"	25'-10"	21'-6"	17'-1"	12'-7"	8'-3"	3'-10"			
	12'	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	14	2	2	2	2	2	2	2	2	2	12'	
		LENGTH	19'-10"	19'-5"	18'-10"	18'-2"	17'-6"	16'-10"	16'-3"	15'-7"	14'-11"	14'-3"	13'-7"	13'-0"	12'-4"	11'-8"	11'-1"	10'-4"	9'-9"	9'-1"	8'-5"	7'-10"	7'-5"	40'-8"	38'-7"	34'-3"	29'-11"	25'-7"	21'-3"	16'-10"	12'-6"	8'-2"	3'-9"		

REINFORCING STEEL - 2 WINGS

SAME FOR ALL DEPTHS OF FILL

45° SKEW

WING C

CLEAR SPAN	CLEAR HEIGHT	J BARS 3/4"DIA. 12"C. TO C. IN TOP OF FOOTING 24"C. TO C. IN BOTTOM OF FOOTING														
	4'															
	5'															
	6'															
	7'															
10'	8'	10	14	12	16	14	16	12								
		5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"								
	9'	10	12	8	12	12	12	12	12	12						
		6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"						
	10'	10	8	10	12	8	10	12	12	8	10	8				
		6'-6"	6'-3"	6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"				
	11'	10	8	10	8	10	8	10	8	10	8	10	8	10		
		7'-0"	6'-9"	6'-6"	6'-3"	6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"		
	12'	10	8	6	10	8	10	6	8	10	8	6	10	8	10	6
		7'-6"	7'-3'	7'-0"	6'-9"	6'-6"	6'-3"	6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"

REINFORCING STEEL - 2 WINGS

SAME FOR ALL DEPTHS OF FILL

ALL ANGLES OF SKEW

WING D

E BARS AT 12"C. TO C. SIZES AS SHOWN FOR WING A										F BARS 1/2"DIA. AT 12"C. TO C.								CLEAR HEIGHT	CLEAR SPAN
4	4	4	4	4						10	2	2	2					4'	
7'-10"	7'-3"	6'-7"	5'-10"	5'-2"						9'-2"	8'-5"	5'-7"	2'-8"						
4	4	4	4	4	2					12	2	2	2					5'	
8'-10"	8'-3"	7'-7"	6'-10"	6'-2"	5'-9"					10'-8"	8'-4"	5'-6"	2'-8"						
4	4	4	4	4	4					12	2	2	2	2				6'	
9'-10"	9'-2"	8'-6"	7'-9"	7'-0"	6'-3"					11'-8"	10'-9"	8'-1"	5'-4"	2'-7"					
4	4	4	4	4	4	4				12	2	2	2	2	2			7'	
11'-7"	10'-9"	9'-11"	8'-11"	8'-1"	7'-1"	6'-3"				13'-2"	12'-9"	10'-2"	7'-8"	5'-1"	2'-6"				
4	4	4	4	4	4	4	2			14	2	2	2	2	2			8'	10'
13'-5"	12'-6"	11'-7"	10'-6"	9'-7"	8'-7"	7'-7"	7'-1"			14'-8"	13'-0"	10'-4"	7'-9"	5'-2"	2'-7"				
4	4	4	4	4	4	4	4			14	2	2	2	2	2	2		9'	
14'-11"	14'-0"	12'-11"	11'-10"	10'-9"	9'-9"	8'-7"	7'-7"			15'-8"	15'-2"	12'-8"	10'-1"	7'-7"	5'-0"	2'-7"			
4	4	4	4	4	4	4	4	2		16	2	2	2	2	2	2		10'	
16'-7"	15'-7"	14'-6"	13'-4"	12'-2"	11'-1"	10'-1"	8'-9"	8'-2"		16'-8"	14'-10"	12'-5"	9'-11"	7'-6"	5'-0"	2'-6"			
4	4	4	4	4	4	4	4	4	2	16	2	2	2	2	2	2	2	11'	
18'-1"	17'-1"	15'-11"	14'-10"	13'-7"	12'-5"	11'-3"	10'-2"	8'-11"	8'-4"	18'-2"	17'-6"	15'-0"	12'-6"	10'-0"	7'-6"	5'-0"	2'-6"		
4	4	4	4	4	4	4	4	4	4	18	2	2	2	2	2	2	2	12'	
19'-9"	18'-9"	17'-6"	16'-5"	15'-2"	14'-1"	12'-10"	11'-8"	10'-6"	9'-4"	19'-8"	17'-7"	15'-0"	12'-7"	10'-1"	7'-7"	5'-0"	2'-6"		

REINFORCING STEEL - 2 WINGS

SAME FOR ALL DEPTHS OF FILL

ALL ANGLES OF SKEW

WING D

CLEAR HEIGHT	CLEAR SPAN	J BARS 3/4"DIA. 12"C. TO C. IN TOP OF FOOTING 24"C. TO C. IN BOTTOM OF FOOTING																CLEAR HEIGHT	CLEAR SPAN
4'																		4'	
5'																		5'	
6'																		6'	
7'																		7'	
8'	10'	6	6	10	6	6	6	6										8'	10'
		5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"											
9'		6	6	6	4	6	6	6	6	2								9'	
		6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"									
10'		6	6	4	6	2	6	4	6	2	6	4						10'	
		6'-6"	6'-3"	6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"							
11'		6	4	6	2	6	4	2	6	4	6	2	4	6				11'	
		7'-0"	6'-9"	6'-6"	6'-3"	6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"					
12'		6	4	6	2	4	6	2	4	6	2	4	2	6	4	2		12'	
		7'-6"	7'-3"	7'-0"	6'-9"	6'-6"	6'-3"	6'-0"	5'-9"	5'-6"	5'-3"	5'-0"	4'-9"	4'-6"	4'-3"	4'-0"			

GENERAL NOTES

SPECIFICATIONS-GEORGIA STANDARD.

THIS PLAN IS NOT COMPLETE IN ITSELF-FOR GENERAL NOTES, DETAILS AND, DIMENSIONS NOT SHOWN, SEE GEORGIA STANDARD NO. 2324 FOR SINGLE CULVERT, AND GEORGIA STANDARD NO. 2327 FOR DOUBLE AND TRIPLE CULVERTS.

⚠ QUANTITIES-WINGWALLS AND PARAPET SEE GEORGIA STANDARD NO. 2331.

QUANTITIES FOR BARREL REMAIN AS SHOWN ON GEORGIA STANDARDS NO. 2324 AND NO. 2327.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		276	355

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD

REINFORCED CONCRETE BOX CULVERTS
SINGLE 10' X 4' TO TRIPLE 10' X 12'
FOR 75°, 60°, AND 45° SKEWS

NO SCALE — REV. & REDR. NOV., 2001

DATE / REVISION / BY

DESIGNED ____ REDRAWN ____ TRACED ____ CHECKED ____

(SUBMITTED) James A. Kennedy STATE ROAD & AIRPORT DESIGN ENGINEER

(APPROVED) CHIEF ENGINEER

NUMBER 2330 SHEET 2 OF 4

7/9/2004 2:54:30 PM \\GDOT-DSN1\GOPLOT\QCF\GO_TIFF_OUTPUT.QCF GOWENS C:\DOCUMENTS AND SETTINGS\GOWENS\DESKTOP\2330-2.PRF GO-RD6