	SPAN	FT.	5						6							
	HEIGHT	FT.	3		4		5		3		4		5		6	
	MAXIMUM EARTH COVER	FT.	10	20	10	20	10	20	10	20	10	20	10	20	10	20
CONC	ROOF T1	IN.	7	7½	7	7½	7	7½	7	9	7	9	7	9	7	9
CONC	EXTERIOR WALL T2	IN.	6	6	6	7	6½	7½	6	6	6	7	6½	8	7	8½
CONC	INVERT T3	IN.	7	8	7	8	7	8	7	9	7	9	7	9	7	9
REINF	SPACING	IN.	11½	14	11½	14	11½	15	11½	12	11½	12	11½	12	11½	12
REINF	"g" BAR NO.		4	7	4	7	4	7	6	7	6	7	6	7	6	7
REINF	"f" BAR NO.		5	5	5	5	5	5	5	5	5	5	5	5	5	5
REINF	"a" BAR NO.		6	4	6	4	6	4	7	4	7	4	7	4	7	4
REINF	"e" ⑤ BAR NO.		4	5	5	6	5	7	4	5	4	6	5	6	6	7
QUAN	CONCRETE	CF/LF	17.8	19.3	19.3	21.6	21.3	23.8	20.1	24.6	21.6	27.0	23.6	29.7	25.8	32.2
QUAN	REINFORCEMENT	LBS/LF	122	121	134	137	145	162	186	162	192	179	206	190	227	212

"d" BARS, FOR EARTH COVERS OF 2' AND LESS TO BE PLACED IN TOP SLAB ONLY

SPAN	5'	6'	7'	8'	10'	12'	14'
# /CELL	5	6	8	10	11	13	15

	SPAN	FT.	7										8									
	HEIGHT	FT.	3		4		5		6		7		3		4		5		6		7		8	
	MAXIMUM EARTH COVER	FT.	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20
CONC	ROOF T1	IN.	7½	10	7½	10	7½	10	7½	10	8	10	8	11	8	11	8	11	8	11	8	11	8	11
CONC	EXTERIOR WALL T2	IN.	6	6	6	7	6½	7½	7	9	8	9½	6	7½	6	7½	6½	8	7	9	8	10	8½	11
CONC	INVERT T3	IN.	7½	10½	7½	10½	7½	10½	7½	10½	7½	10½	8	11½	8	11½	8	11½	8	11½	8	11½	8	11½
REINF	SPACING	IN.	11	10½	11	10½	11	10½	11	10½	11	10½	9	10	9	10	9	10	9	10	9	10	9	10
REINF	"g" BAR NO.		6	7	6	7	6	7	6	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7
REINF	"f" BAR NO.		6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5
REINF	"a" BAR NO.		6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4
REINF	"e" ⑤ BAR NO.		4	5	5	5	5	6	6	7	6	7	4	5	4	5	5	6	6	6	6	7	6	7
QUAN	CONCRETE	CF/LF	23.7	30.8	25.2	33.3	27.2	35.5	29.4	39.1	32.4	41.8	27.8	38.5	29.2	40.1	31.2	42.4	33.4	45.5	36.4	48.9	39.0	52.6
QUAN	REINFORCEMENT	LBS/LF	207	197	220	208	227	228	252	262	260	276	270	224	283	237	302	266	340	279	350	312	360	326

	SPAN	FT.	10																			
	HEIGHT	FT.	3		4		5		6		7		8		9		10					
	MAXIMUM EARTH COVER	FT.	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20				
CONC	ROOF T1	IN.	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9 1/2	12 1/2	9 1/2	12 1/2		
CONC	EXTERIOR WALLS T2	IN.	8	8	8	8	8	8	8	8	8	8 1/2	8	9 1/2	8	10 1/2	8 1/2	11 1/2	9 1/2	12 1/2		
CONC	INVERT T3	IN.	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2	9	12 1/2		
REINFORCEMENT	SPACING	IN.	11	7 1/2	11	7 1/2	11	7 1/2	10 1/2	7 1/2	10 1/2	8	10	8	10	8	10 1/2	8	10 1/2	8 1/2		
REINFORCEMENT	"g" BARNO.		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
REINFORCEMENT	"f" BARNO.		7	5	7	5	7	5	6	5	6	5	6	5	6	5	6	5	6	5		
REINFORCEMENT	"a" BARNO.		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
REINFORCEMENT	"b" BARNO.		5	5	5	5	5	5	4	5	5	5	6	5	6	5	6	6	6	6		
REINFORCEMENT	"b" DIMENSION "B" FT.-IN.		1-9	2-7	1-9	2-7	1-9	2-7	2	2-9	2-3	2-9	2-7	3-1	2-7	3-1	2-7	3-1				
REINFORCEMENT	"b" DIMENSION "Bw" FT.-IN.		3-6	3-10	3-6	3-10	4	4-11	4	4-11	4	4-11	4	4-11	4	4-11	4	4-11				
REINFORCEMENT	"c" BARNO.		5	5	5	5	5	5	6	6	6	6	6	6	7	6	7	6				
REINFORCEMENT	"c" DIMENSION "C" FT.-IN.		3	2-9	3-0	2-9	3-1	2-9	3-9	3-3	4-6	4-3	5-6	4-6	6	4-9	6	4-9				
REINFORCEMENT	"e" ⑤ BARNO.		4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5				
QUAN	CONCRETE	CF/LF	39.0	51.8	41.0	53.8	42.7	55.6	44.7	58.2	46.7	61.8	48.7	65.6	52.5	70.0	56.3	74.5				
QUAN	REINFORCEMENT	LBS/LF	339	415	349	428	370	454	381	494	418	494	460	510	486	550	518	568				

	SPAN	FT.	12																			
	HEIGHT	FT.	4		5		6		7		8		9		10		11		12			
	MAXIMUM EARTH COVER	FT.	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20		
CONC	ROOF T1	IN.	10	14 1/2	10	14 1/2	10	14 1/2	10	14 1/2	10	14 1/2	10	14 1/2	10	14 1/2	10	14 1/2	10	14 1/2		
CONC	EXTERIOR WALLS T2	IN.	8	8 1/2	8	8 1/2	8	8 1/2	8	9	8 1/2	10 1/2	9	11 1/2	9 1/2	12 1/2	10	14	11	15		
CONC	INVERT T3	IN.	10	15	10	15	10	15	10	15	10	15	10	15	10	15	10	15	10	15		
REINFORCEMENT	SPACING	IN.	9	8	9	8	9	8	9	8	8	7 1/2	8	7 1/2	8 1/2	7 1/2	8 1/2	8	8 1/2	8		
REINFORCEMENT	"g" BARNO.		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
REINFORCEMENT	"f" BARNO.		7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6		
REINFORCEMENT	"a" BARNO.		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
REINFORCEMENT	"b" BARNO.		5	5	5	5	5	5	5	6	5	6	5	6	6	6	5	6	6	6		
REINFORCEMENT	"b" DIMENSION "B" FT.- IN.		2-7	3-1	2-7	3-1	2-7	3-1	3	3-2	3-6	3-2	3-6	3-4	3-9	3-4	3-9	3-4	3-9	3-4		
REINFORCEMENT	"b" DIMENSION "Bw" FT.- IN.		4-1	3-2	4-1	3-2	4-1	3-2	4-1	3-4	4-1	3-4	4-1	3-7	3-9	3-7	3-9	3-7	3-7	3-7		
REINFORCEMENT	"c" BARNO.		6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7		
REINFORCEMENT	"c" DIMENSION "C" FT.- IN.		3-10	3-7	3-10	3-7	3-10	3-7	4-6	4-4	5-7	5	6-6	5-2	7-2	5-4	7-5	5-7	7-5	5-7		
REINFORCEMENT	"e" ⑤ BARNO.		4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5		
QUAN	CONCRETE	CF/LF	51.3	72.4	53.3	73.4	55.0	76.3	57.0	79.1	59.8	83.8	62.7	88.1	65.9	92.7	69.1	98.8	73.7	104		
QUAN	REINFORCEMENT	LBS/LF	505	567	514	577	543	604	563	646	600	663	614	688	627	691	701	749	733	764		

	SPAN	FT.	14																			
	HEIGHT	FT.	7		8		9		10		11		12		13		14					
	MAXIMUM EARTH COVER	FT.	10	20	10	20	10	20	10	20	10	20	10	20	10	20	10	20				
CONC	ROOF T1	IN.	11 1/2	16 1/2	11 1/2	16 1/2	11 1/2	16 1/2	11 1/2	16 1/2	11 1/2	16 1/2	11 1/2	16 1/2	11 1/2	16 1/2	11 1/2	16 1/2				
CONC	EXTERIOR WALLS T2	IN.	8 1/2	9 1/2	8 1/2	10 1/2	9	11 1/2	9 1/2	12 1/2	10 1/2	14	11 1/2	15	12 1/2	16 1/2	13	17 1/2				
CONC	INVERT T3	IN.	11 1/2	17	11 1/2	17	11 1/2	17	11 1/2	17	11 1/2	17	11 1/2	17	11 1/2	17	11 1/2	17				
REINFORCEMENT	SPACING	IN.	8 1/2	8	8 1/2	8	8 1/2	8	8 1/2	8	8 1/2	8	8 1/2	8	9	8	9	8				
REINFORCEMENT	"g" BARNO.		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8				
REINFORCEMENT	"f" BARNO.		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6				
REINFORCEMENT	"a" BARNO.		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
REINFORCEMENT	"b" BARNO.		5	6	6	6	5	6	6	6	6	6	6	7	7	7	7	7				
REINFORCEMENT	"b" DIMENSION "B" FT.- IN.		2-7	2-7	3-3	3-3	4	4	4	4	4-7	4-4	4-7	4-4	4-7	4-4	4-7	4-4				
REINFORCEMENT	"b" DIMENSION "Bw" FT.- IN.		5	3-9	5	4-6	5	5	5	5	4-9	5-6	4-9	5-6	4-6	5-6	4-4	5-6				
REINFORCEMENT	"c" BARNO.		6	6	6	7	7	7	7	7	7	7	7	7	7	7	8	8				
REINFORCEMENT	"c" DIMENSION "C" FT.- IN.		4-3	3-11	5-6	4-6	7	5	7-9	5-9	8-6	6-3	9	6-9	9-3	6-9	9-3	6-9				
REINFORCEMENT	"e" ⑤ BARNO.		4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	6				
QUAN	CONCRETE	CF/LF	71.8	99.7	73.9	104	76.9	108	80.0	113	84.2	119	88.8	124	94.1	131	98.1	137				
QUAN	REINFORCEMENT	LBS/LF	662	710	715	783	756	820	807	846	833	873	881	958	884	978	1002	1110				

SHEET 2 OF 2

NEVADA DEPARTMENT OF TRANSPORTATION

DOUBLE
RCB CULVERTS

Signed Original On File
CHIEF BRIDGE ENGINEER

B-20.1.3.1 (502)
ADOPTED 11/70 REVISION 1/09