TABLE 1

	100 feet	150 feet	200 feet	250 feet	300 feet	350 feet
3 - 795 A	AC phase a	nd 1-477 A	AC neutral			
vertical	26.70%	37.20%	47.60%	58.00%	68.40%	% 78.80%
transverse	26.30%	36.70%	47.00%	57.30%	67.70%	6 78.00%
3 - 795 A	AC phase a	nd 1-477 A	AC neutral,	3-75 KVA tı	ransformer	r, 1 quad service for 50 feet
vertical	71.20%	81.40%	91.60%	101.90%	N/A	N/A
transverse	70.00%	80.10%	90.30%	100.40%	N/A	N/A
0 705 47	\ O	l 4 477 A 4	\ O	0.75 1/3/4 4		and according to FO foot and the with 4/4" for
	-	na 1-4// A/	AC neutral,	3-75 KVA ti	ranstormer	r, 1 quad service for 50 feet, one fiber with 1/4" for
joint use		00.000/	05.000/	407.500/	N1/A	NI/A
vertical	72.00%					N/A
transverse	70.70%	82.50%	94.20%	106.00%	N/A	N/A
3 - 795 A	AC phase a	nd 1-477 A	AC neutral.	one fiber w	ith 1/4" for	r ioint use
vertical	29.90%		•			
transverse						
3 - 795 A	AC phase a	nd 1-477 A	AC neutral,	one fiber w	ith 1/4", tw	vo fibers with 1/4" for joint use
vertical	33.50%	47.30%	61.10%	75.00%	88.80%	% 102.60%
transverse	33.10%	46.80%	60.50%	74.30%	88.00%	6 101.70%
2 705 47	C nhaaa a	n d 4 477 A /	\C noutral	ana fihar w	::4h 4/4" 4	ve fibere with 4/4" C C M with 4/4" for joint use
	-					vo fibers with 1/4", 6.6 M with 1/4" for joint use
vertical	36.50%					
transverse	36.00%	51.30%	66.50%	81.70%	96.90%	o N/A
3 - 795 A	AC phase a	nd 1-477 A	AC neutral,	one fiber w	rith 1/4", tw	vo fibers with 1/4", 6.6 M with 1/4", one bundle for joint
vertical	42.90%		•		•	·
transverse						
		/-			/ -	

TABLE 2

	100 feet	150 feet	200 feet	250 feet	300 feet	350 feet				
3 - 477 AAC phase and 1-4/0 AA		00.000/	40.700/	40.000/	F0 000/	00.700/				
Utilized vertical pole capacity	23.30%				58.00%					
Utilized transverse pole capacity	22.90%	31.60%	40.20%	48.80%	57.50%	66.10%				
3 - 477 AAC phase and 1-4/0 AAC neutral, 3-75 KVA transformer, 1 quad service for 50 feet										
Utilized vertical pole capacity	65.50%	74.00%	82.50%	91.00%	99.50%	108.00%				
Utilized transverse pole capacity	64.30%	72.80%	81.20%	89.70%	98.10%	106.50%				
2 477 AAC whose and 4 4/0 A	VC massifical	2.75 1/1/4		. 4		Ofact and	tihan with 4/411 for injut was fiber			
Utilized vertical pole capacity	68.70%					N/A	fiber with 1/4" for joint use fiber			
Utilized transverse pole capacity	67.50%					N/A N/A				
Offized transverse pole capacity	07.30%	11.00%	07.70%	97.00%	IN/A	IN/A				
3 -477 AAC phase and 1-4/0 AA	C neutral.	1/0 second	arv. 1-50 K	VA transfo	rmer. 1 gua	ad service fo	or 50 feet, one fiber with 1/4" for joint use			
fiber	,		,		, , , ,					
Utilized vertical pole capacity		48.20%	60.60%	73.10%	85.60%	98.00%				
Utilized transverse pole capacity		47.50%	59.90%	72.30%	84.70%	97.10%				
for joint use fiber	AC neutral,				•		or 50 feet, one fiber with 1/4", two fibers			
Utilized vertical pole capacity		53.90%			97.00%					
Utilized transverse pole capacity		53.20%	67.40%	81.70%	96.00%	110.30%				
•	AC neutral,	1/0 second	dary, 1-50 k	(VA transfo	rmer, 1 qu	ad service f	or 50 feet, one fiber with 1/4", two fibers,			
1 telephone for joint use fiber										
Utilized vertical pole capacity		58.40%			106.00%					
Utilized transverse pole capacity		57.60%	73.40%	89.20%	105.00%	N/A				
3 - 477 AAC phase and 1-4/0 AA	AC noutral	one fiber v	with 1/4" fo	r ioint use						
Utilized vertical pole capacity	26.40%			-	67.40%	77.60%				
Utilized transverse pole capacity	26.00%				66.80%					
Othized transverse pole capacity	20.0070	30.2070	40.4070	30.0070	00.0070	11.0070				
3 - 477 AAC phase and 1-4/0 A	AC neutral,	one fiber v	with 1/4", tv	vo fibers wi	th 1/4" for	r joint use				
Utilized vertical pole capacity	30.20%			66.60%	78.70%					
Utilized transverse pole capacity	29.80%	41.90%	53.90%	66.00%	78.10%	90.10%				

100 feet 150 feet 200 feet 250 feet 300 feet 350 feet

3 - 477 AAC phase and 1-4/0 AAC neutral, one fiber with 1/4", two fibers with 1/4", 6.6 M with 1/4" for joint use

Utilized vertical pole capacity 33.20% 46.80% 60.40% 74.00% 87.60% 101.30% Utilized transverse pole capacity 32.70% 46.30% 59.80% 73.40% 86.90% 100.50%

3 - 477 AAC phase and 1-4/0 AAC neutral, one fiber with 1/4", two fibers with 1/4", 6.6 M with 1/4", one bundle for joint use

Utilized vertical pole capacity 39.50% 56.30% 73.10% 89.90% 106.70% N/A Utilized transverse pole capacity 39.10% 55.80% 72.50% 89.20% 105.90% N/A

3 - 477 AAC phase and 1-4/0 AAC neutral, one 25 KVA transformer with 50 feet of 2/0 triplex service, one fiber with 1/4" for joint use

Utilized vertical pole capacity 30.90% 41.10% 51.30% 61.50% 71.80% 82.00% Utilized transverse pole capacity 30.40% 40.50% 50.70% 60.90% 71.00% 81.20%

3 - 477 AAC phase and 1-4/0 AAC neutral, one 25 KVA transformer with 50 feet of 2/0 triplex service, two fiber with 1/4" for joint use

 Utilized vertical pole capacity
 34.50%
 46.50%
 58.50%
 70.50%
 82.60%
 94.60%

 Utilized transverse pole capacity
 33.90%
 45.90%
 57.90%
 69.80%
 81.80%
 93.80%

3 - 477 AAC phase and 1-4/0 AAC neutral, one 25 KVA transformer with 50 feet of 2/0 triplex service, two fiber with 1/4", 6.6 M with 1/4" for joint use

Utilized vertical pole capacity 38.20% 52.10% 66.00% 79.90% 93.90% N/A Utilized transverse pole capacity 37.70% 51.50% 65.30% 79.20% 93.00% N/A

3 - 477 AAC phase and 1-4/0 AAC neutral, one 25 KVA XFMR with 50' of 2/0 triplex service, two fiber with 1/4", 6.6 M with 1/4", one bundle for joint use

Utilized vertical pole capacity 43.70% 60.40% 77.00% 93.70% 110.30% N/A Utilized transverse pole capacity 43.10% 59.70% 76.20% 92.80% 109.40% N/A

TABLE 3

	100 feet	150 feet	200 feet	250 feet	300 feet	350 feet					
3 - 4/0 ACSR phase and 1-4/0 ACSR neutral											
Utilized vertical pole capacity	20.90%	6 28.30%	35.80%	43.20%	50.70%	5 58.20%					
Utilized transverse pole capacity	20.50%	6 27.90%	35.40%	42.80%	50.20%	57.60%					
3 - 4/0 ACSR phase and 1-4/0 ACSR neutral, 3-75 KVA transformer, 1 quad service for 50 feet											
Utilized vertical pole capacity	63.10%										
Utilized transverse pole capacity											
Officed transverse pole capacity	01.907	0 09.2070	70.5076	03.7070	91.1070	30.4070					
3 - 4/0 ACSR phase and 1-4/0 /	ACSR neuti	ral, 3-75 KV	A transform	mer, 1 quad	service fo	or 50 feet, one fiber with 1/4" for joint use fiber					
Utilized vertical pole capacity	66.30%	6 75.20%	84.10%	93.00%	102.00%	N/A					
Utilized transverse pole capacity	65.10%	6 73.90%	82.80%	91.70%	100.60%	o N/A					
2 /0 ACCD whose and 4 4/0 A	CCD	al <i>11</i> 0 acces	- dow. 4 E0	ICVA transf		wed consider for 50 feet, one fiber with 4/4" for init					
use fiber	CSK neutra	ai, 1/0 secoi	idary, 1-50	KVA transi	rormer, 1 q	uad service for 50 feet, one fiber with 1/4" for joint					
Utilized vertical pole capacity		44.50%	55.70%	66.90%	78.20%	89.40%					
Utilized transverse pole capacity	,	43.80%									
Camada a amerere pere capacity		.0.007									
	ACSR neut	ral, 1/0 seco	ondary, 1-5	0 KVA trans	sformer, 1	quad service for 50 feet, one fiber with 1/4", two fibers					
for joint use fiber											
Utilized vertical pole capacity		50.20%									
Utilized transverse pole capacity	•	49.50%	62.60%	75.60%	88.70%	5 101.80%					
3 - 4/0 ACSR phase and 1-1/0	ACSR neuti	ral 1/0 seco	ondary 1-5	0 KVΔ trans	sformer 1	quad service for 50 feet, one fiber with 1/4", two					
fibers, 1 telephone for joint us		iai, 170 000	ondary, i o	o ittit tidit	3.0	quad contrior for conjugation made with 174 ; the					
Utilized vertical pole capacity	30 11501	54.70%	69.30%	84.00%	98.60%	S N/A					
Utilized transverse pole capacity	,	54.00%									
Camzon transverse pere supusity		01.007	00.0076	00.1070	07.7070	, 14//					
3 - 4/0 ACSR phase and 1-4/0 /	ACSR neuti	ral, one fibe	er with 1/4"	for joint us	e						
Utilized vertical pole capacity	24.00%	6 33.00%	42.00%	51.10%	60.10%	69.10%					
Utilized transverse pole capacity	23.60%	6 32.60%	41.60%	50.60%	59.60%	68.50%					
3 - 4/0 ACSR phase and 1-4/0 ACSR neutral, one fiber with 1/4", two fibers with 1/4" for joint use											
Utilized vertical pole capacity	27.70%	•		•		•					
Utilized transverse pole capacity											
Chilzed transverse pole capacity	21.30/	0 50.20/0	73.00/0	, Ja.au /0	10.10/0	0 01.00/0					

100 feet 150 feet 200 feet 250 feet 300 feet 350 feet

3 - 4/0 ACSR phase and 1-4/0 AC	SR neutral	, one fiber	with 1/4", t	wo fibers w	/ith 1/4", 6	.6 M with 1/4" for joint use
Utilized vertical pole capacity	30.70%	43.10%	55.50%	67.90%	80.20%	92.60%
Utilized transverse pole capacity	30.30%	42.60%	55.00%	67.30%	79.60%	91.90%
3 - 4/0 ACSR phase and 1-4/0 AC	SR neutral	, one fiber	with 1/4", t	wo fibers w	/ith 1/4", 6	.6 M with 1/4", one bundle for joint use
Utilized vertical pole capacity	37.10%	52.60%	68.20%	83.80%	99.30%	114.90%
Utilized transverse pole capacity	36.60%	52.10%	62.60%	83.10%	98.60%	114.00%
0. 4/0.4000 at the second 4.4/0.40	OD(OF 10	/A /		0 ((- (0 (O delialare a constant and Chambella Addition in the design
						0 triplex service, one fiber with 1/4" for joint use
Utilized vertical pole capacity	28.40%	37.40%	46.40%	55.40%	64.40%	73.40%
Utilized transverse pole capacity	27.90%	36.90%	45.80%	54.80%	63.70%	72.20%
3 - 4/0 ACSR phase and 1-4/0 ACU Utilized vertical pole capacity Utilized transverse pole capacity	SR neutral 32.60% 32.10%	, one 25 K\ 43.70% 43.10%	/A transfor 54.80% 54.10%	mer with 50 65.80% 65.20%	76.90% 76.20%	0 triplex service, two fiber with 1/4" for joint use 88.00% 87.30%
3 - 4/0 ACSR phase and 1-4/0 AC for joint use	SR neutral	, one 25 K\	/A transfor	mer with 50	0 feet of 2/	0 triplex service, two fiber with 1/4", 6.6 M with 1/4"
Utilized vertical pole capacity	35.80%	48.40%	61.10%	73.80%	86.50%	99.10%
Utilized transverse pole capacity	35.20%	47.80%	60.50%	73.10%	85.70%	98.30%
3 - 4/0 ACSR phase and 1-4/0 AC	SR neutral	, one 25 K\	/A XFMR w	rith 50' of 2	/0 triplex s	ervice, two fiber with 1/4", 6.6 M with 1/4", one

87.50% 102.90% N/A

86.70% 102.00% N/A

bundle for joint use

Utilized vertical pole capacity

Utilized transverse pole capacity

41.20%

40.70%

56.70%

56.00%

72.10%

71.30%

TABLE 4

	100 feet	150 feet	200 feet	250 feet	300 feet	350 feet					
3 - 1/0 ACSR phase and 1-1/0 ACSR neutral											
Utilized vertical pole capacity	18.50%										
Utilized transverse pole capacity	18.20%	24.40%	30.70%	37.00%	43.20%	49.50%					
3 - 1/0 ACSR phase and 1-1/0 ACSR neutral, 3-75 KVA transformer, 1 quad service for 50 feet											
Utilized vertical pole capacity	60.90%										
Utilized transverse pole capacity	59.70%	65.80%	71.90%	77.90%	84.00%	90.50%					
3 - 1/0 ACSR phase and 1-1/0 ACSR neutral, 3-75 KVA transformer, 1 quad service for 50 feet, one fiber with 1/4" for joint use fiber											
Utilized vertical pole capacity	64.00%							,			
Utilized transverse pole capacity											
3 - 1/0 ACSR phase and 1-1/0 /	ACSR neutr	al 1/0 seco	ondary 1-5	0 KVΔ tran	sformer 1	nuad service for	50 feet one fi	her with 1/4" for joint	÷		
use fiber	AOON NEGLI	ui, 170 3000	ondary, i o	o itta tidii	oronnon, i	quad scrivide for	oo reet, one m	501 With 174 101 John	•		
Utilized vertical pole capacity		41.00%	51.10%	61.20%	71.30%	81.40%					
Utilized transverse pole capacity		40.40%	50.50%	60.50%	70.50%	80.60%					
3 - 1/0 ACSR phase and 1-1/0 /	ACSR neutr	al, 1/0 seco	ondary, 1-5	0 KVA tran	sformer, 1	quad service for	50 feet, one fi	ber with 1/4", two			
fibers for joint use fiber											
Utilized vertical pole capacity		47.30%	59.50%	71.70%	83.80%	96.00%					
Utilized transverse pole capacity		46.70%	58.80%	70.90%	83.10%	95.20%					
3 - 1/0 ACSR phase and 1-1/0 /	ACSR neutr	al, 1/0 seco	ondary, 1-5	0 KVA tran	sformer, 1	quad service for	50 feet, one fi	ber with 1/4", two			
fibers, 1 telephone for joint us	se fiber										
Utilized vertical pole capacity		52.10%	65.80%	79.60%	93.40%	107.10%					
Utilized transverse pole capacity		51.40%	65.10%	78.80%	92.50%	105.20%					
3 - 1/0 ACSR phase and 1-1/0 ACSR neutral, one fiber with 1/4" for joint use											
Utilized vertical pole capacity	21.60%	•		•		60.90%					
Utilized transverse pole capacity											
3 - 1/0 ACSR phase and 1-1/0 /	3 - 1/0 ACSR phase and 1-1/0 ACSR neutral, one fiber with 1/4", two fibers with 1/4" for joint use										
Utilized vertical pole capacity	25.40%					-					
Utilized transverse pole capacity											

100 feet 150 feet 200 feet 250 feet 300 feet 350 feet

3 - 1/0 ACSR phase and 1-1/0 ACSR neutral, one fiber with 1/4", two fibers with 1/4", 6.6 M with 1/4" for joint use

Utilized vertical pole capacity	28.40%	39.60%	50.90%	62.10%	73.40%	84.60%
Utilized transverse pole capacity	28.00%	39.20%	50.40%	61.60%	72.80%	84.00%

3 - 1/0 ACSR phase and 1-1/0 ACSR neutral, one fiber with 1/4", two fibers with 1/4", 6.6 M with 1/4", one bundle for joint use

Utilized vertical pole capacity	34.80%	49.20%	63.60%	78.00%	92.40%	106.80%
Utilized transverse pole capacity	34.30%	48.70%	63.00%	77.40%	91.70%	106.10%