
total local direct trunks required (equiv per line)	local direct trunk investment per line	total local tandem-routed traffic, CCS	total local tdm trks required (equiv per line)	local tdm trk invest per line	total OS traffic, CCS	OS trks required (equiv per line)	OS trk invest per line	tdm invest per line	tandem wire center inv per line
0	$ -	#DIV/0!	0.0000	$ -	#DIV/0!	0.0000	$ -	$ -	#N/A

OS tdm invest per line	OS tandem wire center inv per line	operator position inv per line	STP inv per line	# links required (equiv per line)	link investment per line	total direct routed access traffic, CCS	total direct routed access trunks (equiv per line)	dedicated access trk inv per line	total tandem-routed access traffic, CCS	total tandem-routed access trunks (equiv per line)
$ -	#N/A	#DIV/0!	$ -	0	$ -	#DIV/0!	0.0000	$ -	#DIV/0!	0.0000

switched access trk inv per line	total intraLATA direct-routed traffic, CCS	total intraLATA direct trunks (equiv per line)	intraLATA trk inv (direct) per line	total intraLATA tandem-routed traffic, CCS	total intraLATA tandem trunks (equiv per line)	intraLATA trk inv (tandem) per line	total public telephone investment per line	normalized SA lines	normalized SA investment	total switched trunks	total DS-0 equivalents, with SA
$ -	#DIV/0!	-	$ -	#DIV/0!	-	$ -	$ -	-	$ -	-	-

SA fraction of DS-0s	total fiber cable investment per line	total facility investment per line	total aerial structure (poles) inv per line	total u/g structure (conduit plcmt) inv per line	total pullbox inv per line	total buried plcmt inv per line	total conduit inv per line	total DS-1 equivalents (w/sizing factor)
#DIV/0!	$ -	#N/A	$ -	$ -	$ -	$ -	$ -	-

total DS-3 equivalents	transmission terminal investment per line	land investment per line	total DLC lines	total common transport inv per line	total dedicated transport per line	common fraction	direct fraction	dedicated fraction	total direct transport inv per line
-	#DIV/0!	$ -	-	$ -	$ -	-	-	-	$ -

ring distance	BHCA	total BH offered traffic, CCS	effective interoffice distance	small office indicator	channel bank investment for unmultiplexed SA lines per line	spare	total access circuits	ML ind	autonomous switch investment per line	host switch investment per line
-	-	#DIV/0!	#DIV/0!	1	$ -		-	1	$ -	$ -

interoffice aer struct fract										

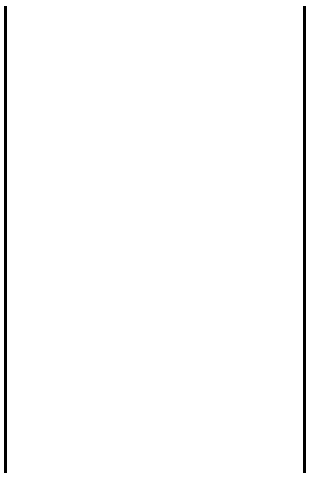
remote switch investment per line	aggregate switch investment	company type	host/remote wire center inv per line	spare	leased facility quasi-investment per line, terminal	leased facility quasi-investment per line, facility	local tandem indicator (1 = yes)	ring indicator (1 = yes)	effective DS3s in local ring	spare
$ -	#DIV/0!	0	$ -		#N/A	#N/A	#N/A	0	0	

	Tandem investment calculations		
	total tandems in service area		**#N/A**
	total business lines in service area		**0**
	total residential lines in service area		**0**
	total public access lines in service area		**0**
	total tandem-routed interoffice CCS		**#DIV/0!**
	total special access lines in service area		**-**
	total tandem DS-3s		**#DIV/0!**
	total common equipment investment		**#N/A**
	per-line switch common equipment investment		**#N/A**
	total wire center investment		**#N/A**
	per-line wire center investment		**#N/A**
	STP investment calculations		
	total STP pairs in service area		**#N/A**
	total STP investment		**#N/A**
	total STP wire center investment		**#N/A**
	STP wire center investment per line		**#N/A**
	total investment per line		**#N/A**
	excess STP capacity, links		**#N/A**
	excess STP capacity required		**#N/A**
	Total tandem-routed BHCA		
		business	**#DIV/0!**
		residential	**#DIV/0!**
	Excess tandem real time capacity, BHCA		**#N/A**
	Excess tandem trunk capacity, trunks		**#N/A**
	Excess tandem switches, real-time basis		**#N/A**
	Excess tandem switches, trunk basis		**#N/A**
	Signaling link calculations		
		NECA company code	**0**
		total tandems	**#N/A**
		total tdm/STP distance	**#N/A**
		avg tdm/STP distance	**#N/A**
		avg D link investment, per link	**#DIV/0!**
		total links	**-**

		total link investment	**$ -**
		average link inv	**$ -**
		total tandem A links	**#N/A**
		total C links	**#N/A**
		equiv tdm A links/C links/line	**#N/A**
	Total SCP investment per line		**#DIV/0!**
	Total SCP wire center investment per line		**#DIV/0!**
	Average ring distance per node, mi		**-**
	Average tandem distance, mi		**#DIV/0!**
	Ring + interconnector distance adjustment factor		**-**

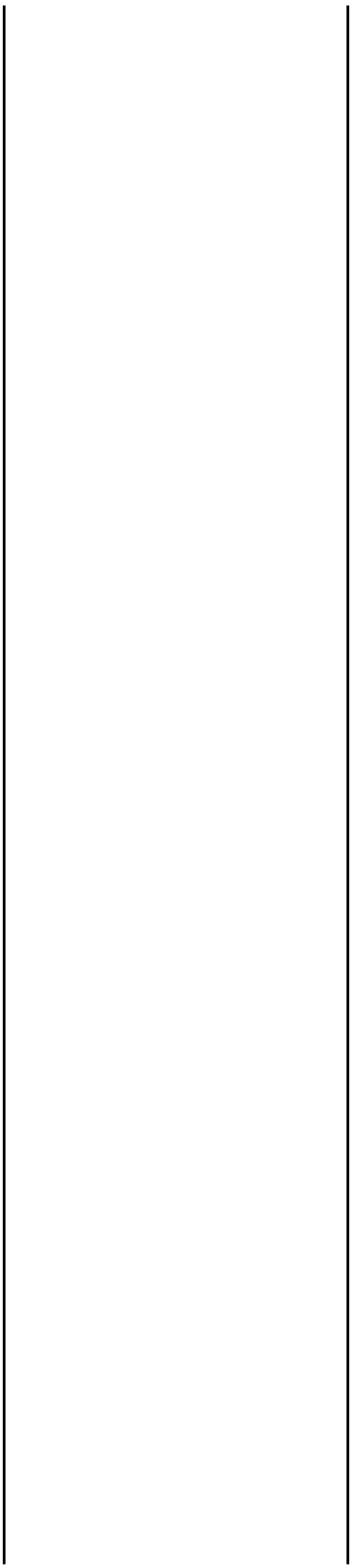
	number of operator tandems		#N/A
	total operator traffic, CCS		#DIV/0!
	total operator DS-3s		#DIV/0!
	total operator positions		#DIV/0!
	total OS tdm common equipment		#N/A
	total OS tdm, per line		#N/A
	total operator position investment		#DIV/0!
	total operator pos. investment/line		#DIV/0!
	total OS tdm wire center		#N/A
	total OS tdm wire center, per line		#N/A
	total additional bridge ADMs required		-
	total added ADM and DCS investment per line		$ -
	total tandem ADM inv per tdm loc		#N/A
	total tandem DCS inv per tdm loc		#N/A
	average interoffice distance, mi		#DIV/0!
	total OS tdm ADM inv per loc		#N/A
	total OS tdm DCS inv per loc		#N/A
	entrance facility calculations		
		terminal multiplexer, per line	#N/A
		cable investment, per line	#DIV/0!
		u/g placement, per line	#N/A
		buried placement, per line	#N/A
		pole inv, per line	#N/A
		pullbox inv, per line	#N/A
		conduit inv, per line	#N/A
		total per line e.f. investment	#N/A
		total SA lines	-
		total switched access trunks	-
		total OC-48s, w/fill	-
		no. of entrance facilities	#N/A

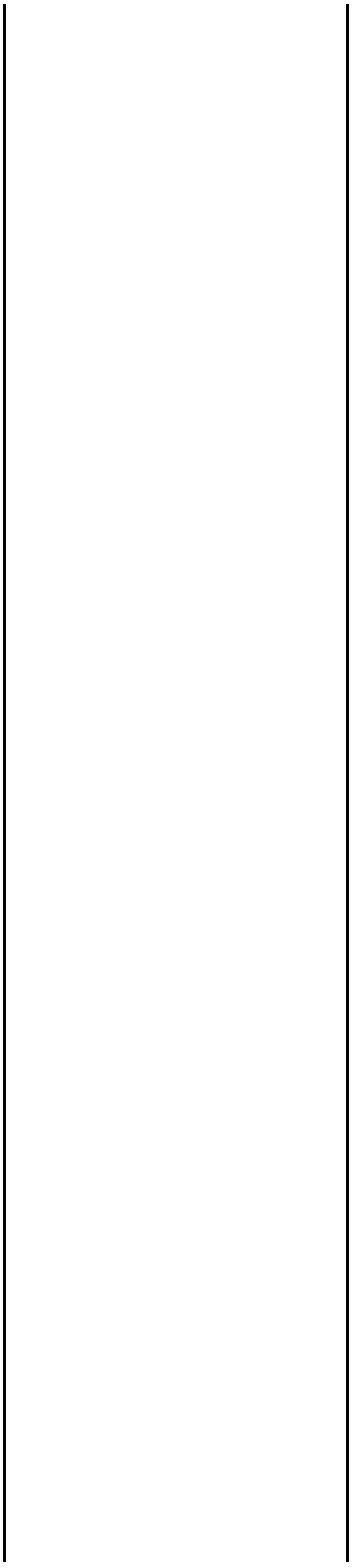
wire center	operating company indicator	area, sq mi	total lines



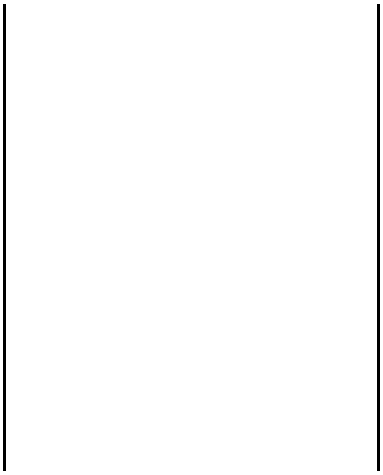
business lines	res lines	public lines

SA lines	DLC lines	feeder pole inv





loop db inputs



feeder buried fiber plcmt inv	feeder buried copper plcmt inv	feeder u/g fiber plcmt inv

feeder u/g copper plcmt inv	feeder manhole inv

wire center	STP A link distance sum	local tandem distance	OS Tandem Distance	Ring Distance	NECA Company Code

NECA Vert Coord	NECA Horiz Coord	Serving Tandem	Tandem NECA Company Code	NECA Tandem Vert Coord	NECA Tandem Horiz Coord

Tandem LATA (From NECA Data)	WC Connects to BOC CLLI	Total DS-3 Equivalents in Ring		Company Code	Total tandems in study area	Total OS tdms in study area

Total tandem/STP A-Link distance	Total STP pairs in study area	Total STP/STP distance	Total Tandem Mesh Distance	Total Inter-Ring Distance	Total Number of Ring Connectors

Total Inter-Ring System Distance	Total Number of Inter-Ring System Connectors	Total Number of Rings Intersecting a Tandem	total unidentified tdm distance

Remote	Remote Vert (NECA)	Remote Horiz (NECA)	NECA Co Code	Host

Host Vert (NECA)	Host Horiz (NECA)	Wire Center	WC Vert (NECA)

WC Horiz (NECA)	NECA Co Code	Tandem	Tandem Vert (NECA)	Tandem Horiz (NECA)

Remote	Remote Connects to CLLI (CLLI #1)	Distance From Remote to CLLI #1, mi.	Remote Connects to CLLI (CLLI #2)

Distance from Remote to CLLI #2, mi.	Ring Connector Node #1	Ring Connector Node #2	Ring Connector Distance, mi

Wire Center	Wire Center Connects to CLLI (CLLI #1)	Distance from Wire Center to CLLI #1, mi.	Wire Center Connects to CLLI (CLLI #2)	Distance from Wire Center to CLLI #2, mi.

DS-3 Equivalents	DS-3 Equivalents from Spur(s)	Ring Connector Node #1	Ring Connector Node #2	Ring Connector Distance, mi.

Total Ring Connector Distance (mi)	Total Number of Ring Connectors

CLLI	Distance (mi)	DS-3 Equivalents	DS-3 Equivalents from Spur(s)

Spur-Connected CLLI	Spur Connects To CLLI	Spur Distance, mi.	Spur CLLI DS-3 Equivalents

System Interconnection CLLI #1	CLLI #1 Homes on Tandem	CLLI #1 Connects to CLLI (CLLI #2)

CLLI # 2 Homes on Tandem	System Interconnector Distance,

Host	Remote	NECA Co Code	total local switched lines per host	total local residential lines per host
			#DIV/0!	#DIV/0!

total local business + public lines per host	total HR ring traffic per host, CCS	total BHCA per host	total interoffice traffic per host, CCS	total switched lines per remote
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

total residential lines per remote	total business + public lines per remote	cumulative BHCA	total BHCA per remote	total interoffice traffic per remote,CCS
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

switch inv per host	total per line wire center inv per system	switch inv per remote	cumulative switch inv per system	repeated wire center inv per line
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

avg switch inv per line in system	repeated average switch inv per line	total lines in system	total residential lines in system	total business + public lines in system	DLC lines per host wire center
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0

DLC lines per remote wire center	repeated HR ring term inv/line	cumulative local direct traffic, CCS	total local direct trunks per host	cumulative local tandem traffic, CCS
0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

total local tandem trunks per host	cumulative intraLATA direct traffic, CCS	total intraLATA direct trunks per host	cumulative intraLATA tandem traffic, CCS	total intraLATA tandem trunks per host
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

cumulative OS traffic, CCS	total OS trunks per host	cumulative direct-routed access traffic, CCS	total direct-routed access trunks per host	cumulative tandem-routed access traffic, CCS
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

total tandem-routed access trunks per host	total A links per host	SA lines per host	SA lines per remote	cumulative SA lines	total SA lines per system
#DIV/0!	#DIV/0!	#N/A	#N/A	#N/A	#N/A

total switched trunks per host	wire center inv per host	wire center inv per remote	cumulative wire center inv	host ADM inv -- HR ring	remote ADM inv -- HR ring	total ring DS0s per remote
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

total HR ring DS0s, host trfc only	cumulative remote DS0s	> OC3 determination	HR ring > OC3 ind	cumulative HR ring terminal investment	HR ring terminal inv per line
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

							BOCs and la
	constant EO switching investment term, small ICO	$ 416.11		1	2	3	4
	constant EO switching investment term, BOC and large ICO	$ 242.73		line size	standalone fixed inv	host fixed inv	remote fixed inv
	multiplicative EO switching investment term	-14.922		0	$ 175,000	$ 183,750	$ 10,000
				640	$ 175,000	$ 183,750	$ 55,000
				5000	$ 175,000	$ 183,750	$ 70,000
				10000	$ 475,000	$ 498,750	$ 225,000
	host/remote calculations enabled	FALSE					
	switch capacity limits						
	lines	real-time (BHCA)	traffic (BHCCS)				
	0	10,000	30,000				
	1,000	50,000	150,000				
	10,000	200,000	600,000				
	40,000	600,000	1,800,000				
	initial switch maximum equipped line size	80,000					
	switch port administrative fill	0.98					
	switch max processor occupancy	0.90					
	processor feature loading multiplier -- normal	1.20					
	heavy business	2.00					
	business penetration threshold	0.30					
	MDF/protector investment per line	$ 17.50					
	analog line circuit offset for DLC lines, per line	$ 5.00					
	switch installation multiplier	1.1					
	Interoffice parameters						
	operator traffic fraction	0.02					
	total interoffice traffic fraction	0.65					
	local DEM fraction (no OS)	**0.732**					
	local interoffice traffic fraction of total traffic	**0.382**					
	local interoffice traffic fraction of local traffic	**0.522**					
	Transmission parameters						
	maximum trunk occupancy, CCS	27.5		**Total access lines in study area**			
	trunk port, per end	$ 100.00					
	entrance facility distance, miles	0.5			**residential**		-
	direct-routed fraction of local interoffice	0.98			**business**		-
	POPs per tandem location	5			**public telephone**		-
	threshold value for off-ring wire centers, total lines	5000			**special**		-
	tandem-routed fraction of total intraLATA traffic	0.2					
	remote-host fraction of interoffice traffic -- remote	0.1		**total annual bus DEMs per line**	**#DIV/0!**		
	host-remote fraction of interoffice traffic -- host	0.05		**total annual res DEMs per line**	**#DIV/0!**		
	tandem-routed fraction of total interLATA traffic	0.2					
	traffic threshold for trunk engineering	**1512.5**		**local DEMs/line**			
	intertandem fraction of tandem trunks (additive)	0.10		**bus**	**#DIV/0!**		
	Traffic inputs			**res**	**#DIV/0!**		**total bus BH usage/line, min**
							total res BH usage/line, min
	local call attempts	5,268,412,000		**intrastate DEMs/line**			
	call completion factor	0.70		**bus**	**#DIV/0!**		**local intraoffice BH usage/line, n**
	intraLATA calls completed	133,013,000		**res**	**#DIV/0!**		
	interLATA intrastate calls completed	108,934,000					
	interLATA interstate calls completed	491,191,000		**interstate DEMs/line**			
	local DEMs, thousands	20,587,660		**bus**	**#DIV/0!**		**total local interoffice BH usage/**
	intrastate DEMs, thousands	2,528,338		**res**	**#DIV/0!**		**tandem**
	interstate DEMs, thousands	4,274,395					
	total DEMS, thousands	**27,390,393**					**direct**
				total BHCA	**-**		
	local bus/res DEMs	1.1		**total TCAP messages/s(BH)**	**-**		
	intrastate bus/res DEMs	2		**total SCP investment per line**	**#DIV/0!**		**intraLATA BH usage/line, min**
	interstate bus/res DEMs	3					**tandem**
				total per-BHCA message loading factor	**0.0000117**		
	BH fraction of daily usage	0.10					**direct**
	Annual to daily usage reduction factor	270					
	residential holding time multiplier	1.0		**intraLATA fraction of toll calls**	**0.181**		**access BH usage/line, min**
	business holding time multiplier	1.0		**interLATA fraction of toll calls**	**0.819**		**tandem**
				local fraction of total DEMs, less OS	**0.732**		
	(offered load assumed for afternoon busy hour)			**intraLATA fraction of total traffic**	**0.045**		**direct**

	call attempts/BH		**offered load, CCS**	**interLATA fraction of total traffic**	**0.203**		
	residential	1.3	**#DIV/0!**				
	business	3.5	**#DIV/0!**	**Derived per-line BH traffic, CCS**			**OS BH usage/line, min**
	average holding time, seconds			**residential -- total offered load**	**#DIV/0!**		
	residential		**#DIV/0!**	**local**			
	business		**#DIV/0!**	**intraswitch**	**#DIV/0!**		
	ICO per line values	equipment	wire center	**interoffice direct**	**#DIV/0!**		
	per-line ICO STP investment (wire ctr incl STP and SCP)	$ 5.50	$ 0.40	**interoffice tandem**	**#DIV/0!**		
	per-line ICO local tandem investment	$ 1.90	$ 2.50	**OS**	**#DIV/0!**		
	per-line ICO OS tandem investment	$ 0.80	$ 1.00	**intraLATA tandem**	**#DIV/0!**		
	per line ICO SCP investment/tdm A link+C link inv	$ 2.50	$ 0.30	**intraLATA direct**	**#DIV/0!**		
	Tandem switching parameters			**interLATA tandem**	**#DIV/0!**		
	real time limit, BHCA	750,000		**interLATA direct**	**#DIV/0!**		
	port limit, trunks	100,000					
	common equipment investment	$ 1,000,000		**business -- total offered load**	**#DIV/0!**		
	maximum initial trunk port occupancy	0.90		**local**			
	maximum real time occupancy	0.90		**intraswitch**	**#DIV/0!**		
	common equipment intercept factor	0.50		**interoffice direct**	**#DIV/0!**		
				interoffice tandem	**#DIV/0!**		
	Signaling parameters			**OS**	**#DIV/0!**		
				intraLATA tandem	**#DIV/0!**		
	STP link capacity	720		**intraLATA direct**	**#DIV/0!**		
	STP maximum link fill	0.8		**interLATA tandem**	**#DIV/0!**		
	max STP investment, per pair	$ 5,000,000		**interLATA direct**	**#DIV/0!**		
	min STP investment, per pair	$ 1,000,000					
	link termination, both ends	$ 900					
	signaling link bit rate	56,000					
	link occupancy	0.4					
	C link cross section	24					
	ISUP messages per interoffice BHCA	6					
	ISUP message length, bytes	25					
	TCAP messages per transaction	2					
	TCAP message length, bytes	100					
	fraction of BHCA requiring TCAP	0.10					
	SCP investment/transaction/second	$ 20,000					
	Operator position parameters						
	investment per position	$ 6,400		equivalent facility investment per DS0	$ 138.08		
	maximum utilization per position, CCS	32					
	operator intervention factor	10		equivalent terminal inv per DS0	$ 111.62		
	Public telephone inputs						
	equipment investment, per station	$ 760					
	Wire center parameters						
	lot size, multiplier of switch room size	2					
	tandem/EO wire center common factor	0.40					
	1	2	3	4	5	6	7
	served lines in wire center	power	switch room size, sq ft	construction/sq ft	land/sq ft	**total sw room**	**total wire center w/o land**
	0	$ 5,000	500	$ 75	$ 5.00	**$ 37,500**	**$ 42,500**
	1,000	$ 10,000	1,000	$ 85	$ 7.50	**$ 85,000**	**$ 95,000**

	5,000	$ 20,000	2,000	$ 100	$ 10.00	$ 200,000	$ 220,000
	25,000	$ 50,000	5,000	$ 125	$ 15.00	$ 625,000	$ 675,000
	50,000	$ 250,000	10,000	$ 150	$ 20.00	$ 1,500,000	$ 1,750,000
	Transmission terminal investment						
	ring transiting traffic factor	0.40					
	maximum SONET transmission rate -- OC-	48					
	OC-48 ADM, installed, 48 DS-3s	$ 50,000					
	OC-48 ADM, installed, 12 DS-3s	$ 40,000					
	OC-3/DS-1 terminal multiplexer, installed, 84 DS-1s	$ 26,000					
	inv per 7 DS-1s	$ 500					
	maximum nodes per ring	16					
	Number of fibers	24					
	Pigtails, per strand	$ 60.00	**total inv**	**$ 1,440**			
	Optical distribution panel	$ 1,000					
	EF&I, per hour	$ 55	**total EF&I**	**$ 1,760**			
	EF&I hours	32					
	regional labor factor	1.00		**labor adjustment factor weightings**			
	Total OC-48 ADM inv per location	**$ 54,200**		contractor excavation and restoration	0.125		
	Total OC-48 (12 DS3) ADM inv per location	**$ 44,200**		telco construction -- copper	0.164		
	Total OC-3 term mux inv per location	**$ 30,200**		telco construction -- fiber	0.364		
	channel bank investment, per 24 lines	$ 5,000		telco drop/NID installation and maintenance	0.571		
	fraction of SA lines requiring multiplexing	-		contractor pole setting	0.518		
	Regenerator, installed	$ 15,000					
	Regenerator spacing, mi	40					
	DCS, installed, per DS-3	$ 30,000					
	transmission terminal fill (DS-0 level)	0.90					
	Fiber investment per foot, installed						
	fiber cable	$ 3.50					
	number of strands per ADM	4					
	buried fraction	0.60					
	buried placement	$ 1.77					
	buried sheath addition	$ 0.20					
	underground fraction	**0.20**					
	conduit	$ 0.60					
	spare tubes per route	1					
	conduit placement	$ 16.40					
	pullbox spacing	2,000					
	pullbox investment	$ 500					
	aerial fraction	0.20					
	pole spacing, ft	150					
	pole investment						
	material	$ 201					
	labor (basic)	$ 216					
	total pole inv/ft, w/regional labor adj	**$ 2.78**					
	fraction poles and buried/ug plcmt common w/feeder	0.75					
	fraction of aerial structure assigned to telephone	0.33					
	fraction of buried structure assigned to telephone	0.33					
	fraction of u/g structure assigned to telephone	0.33					
	total fiber cable inv, per foot	**$ 3.50**	**per foot**				
		$ 18,480	**per mile**				
	total structure	**$ 1.87**	**per foot**	**$ 9,888.60**	**per mile**		
	total aerial structure	**$ 0.18**	**per foot**	**$ 968.77**	**per mile**		
	total buried structure	**$ 0.35**	**per foot**	**$ 1,850.43**	**per mile**		
	total u/g structure	**$ 1.08**	**per foot**	**$ 5,715.07**	**per mile**		
	total pullbox structure	**$ 0.02**	**per foot**	**$ 87.12**	**per mile**		
	total conduit	**$ 0.24**	**per foot**	**$ 1,267.20**	**per mile**		

ge ICOs			small ICOs					
5	6	7	8	9	10	11	12	13
standalone per line inv	host per line inv	remote per line inv	standalone fixed inv	host fixed inv	remote fixed inv	standalone per line inv	host per line inv	remote per line inv
$ 75	$ 75	$ 85	$ 300,001	$ 315,001	$ 17,143	$ 129	$ 129	$ 146
$ 75	$ 75	$ 83	$ 300,001	$ 315,001	$ 94,286	$ 129	$ 129	$ 141
$ 75	$ 75	$ 85	$ 300,001	$ 315,001	$ 120,000	$ 129	$ 129	$ 146
$ 73	$ 73	$ 70	$ 814,289	$ 855,003	$ 385,716	$ 124	$ 124	$ 120
		equiv. CCS	small office					
	#DIV/0!	#DIV/0!	#DIV/0!					
	#DIV/0!	#DIV/0!	#DIV/0!					
in		equiv. CCS						
bus	#DIV/0!	#DIV/0!	#DIV/0!					
res	#DIV/0!	#DIV/0!	#DIV/0!					
ine, min								
bus	#DIV/0!	#DIV/0!	0					
res	#DIV/0!	#DIV/0!	0					
bus	#DIV/0!	#DIV/0!	0					
res	#DIV/0!	#DIV/0!	0					
bus	#DIV/0!	#DIV/0!	#DIV/0!					
res	#DIV/0!	#DIV/0!	#DIV/0!					
bus	#DIV/0!	#DIV/0!	#DIV/0!					
res	#DIV/0!	#DIV/0!	#DIV/0!					
bus	#DIV/0!	#DIV/0!	#DIV/0!					
res	#DIV/0!	#DIV/0!	#DIV/0!					
bus	#DIV/0!	#DIV/0!	#DIV/0!					

res	#DIV/0!	#DIV/0!	#DIV/0!			
bus	#DIV/0!	#DIV/0!	#DIV/0!			
res	#DIV/0!	#DIV/0!	#DIV/0!			
	traffic tables			engineering threshold value		
	offered load, CCS	trunks @ 0.01 blocking		occupancy per trunk, CCS	trunks @ 0.01 blocking	engineering threshold
	0.0	1		17.5	12	210.0
	0.4	2		18.0	13	234.0
	5.4	3		18.5	14	259.0
	17.0	4		19.0	15	285.0
	31.0	5		19.5	16	312.0
	49.0	6		20.0	17	340.0
	69.0	7		20.5	18	369.0
	90.0	8		21.0	19	399.0
	113.0	9		21.5	20	430.0
	136.0	10		22.0	21	462.0
	161.0	11		22.5	23	517.5
	186.0	12		23.0	25	575.0
	212.0	13		23.5	27	634.5
	238.0	14		24.0	29	696.0
	265.0	15		24.5	32	784.0
	292.0	16		25.0	35	875.0
	319.0	17		25.5	38	969.0
	347.0	18		26.0	42	1092.0
	376.0	19		26.5	46	1219.0
	404.0	20		27.0	50	1350.0
	433.0	21		27.5	55	1512.5
	462.0	22		28.0	60	1680.0
	491.0	23		28.5	69	1966.5
	521.0	24		29.0	78	2262.0
	550.0	25		29.5	88	2596.0
8	580.0	26		30.0	99	2970.0
total land inv	611.0	27				
$ 5,000	641.0	28				
$ 15,000	671.0	29				

$ 40,000	702.0	30						
$ 150,000	732.0	31						
$ 400,000	763.0	32						
	794.0	33						
	825.0	34						
	856.0	35						
	887.0	36						
	918.0	37						
	950.0	38						
	981.0	39						
	1013.0	40						
	1044.0	41						
	1076.0	42						
	1108.0	43						
	1140.0	44						
	1171.0	45						
	1203.0	46						
	1236.0	47						
	1268.0	48						
	1300.0	49						
	1332.0	50						
	1364.0	51						
	1397.0	52						
	1429.0	53						
	1462.0	54						
	1494.0	55						
	1527.0	56						
	1559.0	57						
	1592.0	58						
	1625.0	59						
	1657.0	60						
	1690.0	61						
	1723.0	62						
	1756.0	63						
	1789.0	64						
	1822.0	65						
	1855.0	66						
	1888.0	67						
	1921.0	68						
	1954.0	69						
	1987.0	70						
	2020.0	71						
	2053.0	72						
	2087.0	73						
	2120.0	74						
	2153.0	75						
	2186.0	76						
	2219.0	77						
	2253.0	78						
	2286.0	79						
	2319.0	80						
	2353.0	81						
	2386.0	82						
	2420.0	83						
	2453.0	84						
	2487.0	85						
	2521.0	86						
	2554.0	87						
	2588.0	88						
	2621.0	89						
	2655.0	90						
	2688.0	91						
	2722.0	92						
	2756.0	93						
	2790.0	94						
	2823.0	95						
	2857.0	96						

	2891.0	97						
	2925.0	98						
	2958.0	99						
	2992.0	100						