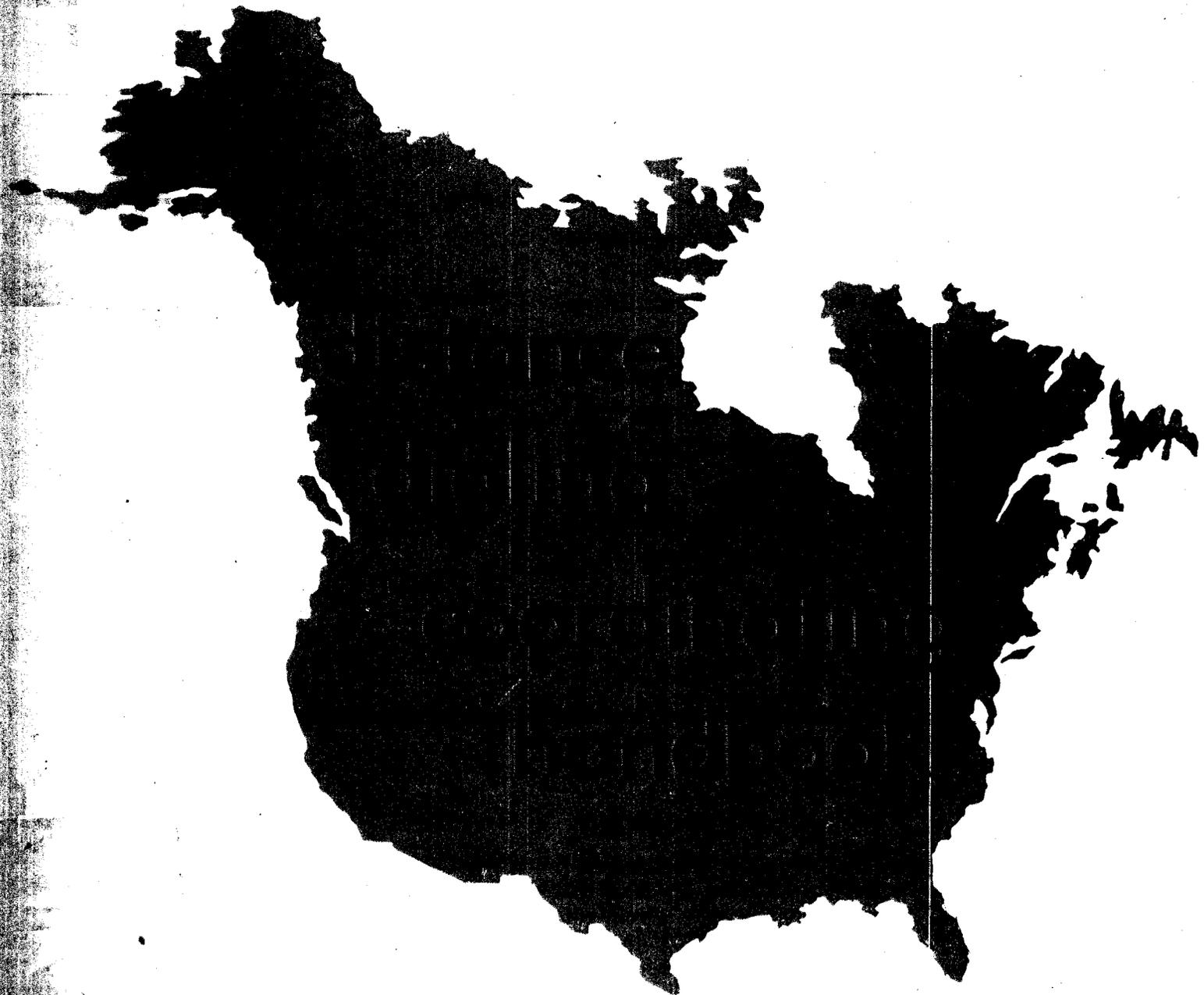


1976



100-040

# distance dialing coordinating handbook

Vol. 15 Issue 1

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## FOREWORD

This handbook is intended to provide information about future developments in the Distance Dialing program, current Distance Dialing statistics, pertinent historical facts and regional switching plan arrangements. The data included herein is kept current with information submitted in the Companies' Construction Budget Summaries for the April 1976 View and the Long Lines Routing Plan. The Distance Dialing Committee acknowledges the important contributions made by the Distance Dialing Coordinators in keeping this handbook up to date. This material is prepared for Bell System purposes and is for the use of Bell System employees only. Its distribution is in no sense a publication. Neither the material nor any portion thereof is to be reproduced in any form by others without the written permission of the American Telephone and Telegraph Company.



Construction Plans Department

**DISTANCE DIALING STATISTICS**  
**APRIL 1976 CONSTRUCTION BUDGET VIEW**

LONG DISTANCE MESSAGES-BELL OPERATED (During Year-Millions)	1975 (Actual)	1976	1977
Operating Cos. (Incl. So. N.E. & Cinn.)*	6621.4	7231.2	7831.1
Long Lines	4103.8	4396.8	4749.7
% Dialed by Customers (DDD)*	81.3	82.5	83.3
% Dialed by Operators (DDD)*	11.9	9.7	8.1
% Customer Dialed Operator Serviced (TSPS, TSP)*	6.8	7.8	8.6
% Outward International DDD*	20.2	25.0	30.0

TELEPHONES (End of Year - Millions)	Bell Cos.	Non-Bell	Bell Cos.	Non-Bell	Bell Cos.	Non-Bell
Total Main Tels. & Equip. Main Tels	69.9	17.3	72.4	18.2	75.0	19.0
Equipped for DDD	68.2	16.9	71.0	17.7	73.8	18.5
Equipped for IDDD	15.5	X	20.6	X	25.8	X
Served by TSPS or Equivalent	42.4	X	49.1	X	56.6	X
With ANC Numbering	67.7	17.3	70.9	18.2	74.0	19.0
Operator Identified	5.3	X	4.0	X	3.1	X
Automatically Identified - LAMA	33.9	X	37.2	X	40.9	X
" " - ANI	29.1	X	29.7	X	29.8	X

TOLL MESSAGE NETWORK TRUNKS (End of Year-Thousands)						
Intertoll-Owned	692.6	X	730.1	X	802.9	X
Toll Connecting-Owned	1463.9	X	1553.8	X	1669.2	X
Interbuilding-Owned	5537.1	X	5730.1	X	6042.5	X
Total-Owned	7693.6	X	8014.0	X	8520.6	X

TOLL OFFICE DATA (End of Year)						
Local Central Office Buildings	8525	X	8648	X	8704	X
Traffic Toll Centers (Toll offices of any rank providing inward operator assistance)	808	472	741	464	663	457
Toll Centers Equipped With CAMA	586	419	571	422	525	424
Total Toll Positions	53919	X	48135	X	44804	X
TSPS and TSP Positions (included above)	19656	X	19868	X	21432	X

"Bell Cos." includes Bell System Operating Companies plus Southern New England and Cincinnati Bell.  
 "Non-Bell" Companies include Independent Companies in the territory served by the above Bell Companies.  
 All data excludes Canada.  
 \*This data for Bell Companies.

**ORDERING INFORMATION**

To obtain additional copies of this handbook, use your Company's standard B.S.P. order form worded as follows: (Quantity) Distance Dialing Coordinating Handbook, dated 1976. Send through normal channels to: Western Electric Co., Inc., Indiana Publication Center, P.O. Box 26205, Indianapolis, Ind. 46226

## Chart 2

### CUTOVER DATES FOR DISTANCE DIALING ACTIVITIES REQUIRING NATIONWIDE ROUTING CHANGES

MONTH	1977	1978	1979	1980	1981
January	8*-15	7-21	6-20	5-19	3-17
February	5-19	4-18	3-17	2-16	7-21
March	5-19	4-18	3-17	1-15-29#	7-21
April	2-16-30#	1-15	7-21	19	4-25*
May	21	6-20	5-19	3-17	2-16
June	4-25*	3-24*	2-23*	7-21	6-27*
July	2-16	1-15	7-21	5-19	11*-18
August	6-20	5-19	4-18	2-16	1-15
September	3-17	2-16	1-15	6-20	5-19
October	1-15	7-21	6-20	4-18	3-17
November	5-19	4-18	3-17	1-15	7-21
December	3-17	2-16	1-15	6-20	5-19

NOTE: These dates are the first and third Saturdays of each month except when they fall on major holidays or immediately precede Easter, Mother's Day, or Father's Day.

\*deferred one week  
#advanced one week

Cutover Hour	
Time Zone	<u>Saturday</u>
	Nationwide time
Atlantic	3:00 PM
Eastern	2:00 PM
Central	1:00 PM
Mountain	12:00 Noon
Pacific	11:00 AM
Alaska** & Hawaii	9:00 AM

\*\* Anchorage, Fairbanks



**PRINCIPAL NEW FACILITIES AND FEATURES FOR DISTANCE DIALING  
AVAILABLE OR PLANNED FOR SHIPMENT IN THE NEXT THREE YEARS**

Subject (Note 1)	Source GL	Ship Date (2)	Pnl/SXS	Application									
				1/5XB	1/2/3 ESS	XBT	4XB	4ESS	TSP(S)	IDDD	Mini-Cmptr	Other	
Features to be included in Generic 6	75-09-178 EL 3920	—								x			
Final Plan for the Implementation of End Office Toll Trunk	75-09-214	—		x	x		x	x					
Signal Converter	75-10-103 EL 3846	1Q76								x			
4A Interface with EADAS/MN	75-11-006 EL 4200	3Q76					x						EADAS
Inward Call Handling and Operator Code Keying Strategies	75-11-118 EL 4316	—								x			
Crossbar Tandem Conversion of DP Trunk for MF Operation	75-11-125 EL 4237	1Q76				x							
No. 4 Crossbar System, Signaling — Compatibility with No. 1 ESS HILO, No. 4 ESS and TSPS/RTA Systems	75-11-126 EL 4270	—			x		x	x		x			
Six Digit First Stage Outpulsing for IDDD Calls	75-12-057 EL 4361	—			x						x		
Operational Trouble Reports	75-12-096 EL 4339	—			x		x	x		x			AIS, ETS
RTA/PSS-2 Pricing Information	75-12-255 EL 4253	—								x			
CAMA-C Generic 2 Features for Crossbar Tandem Offices	76-01-23 EL 5043	3Q76				x							
Busy Line Verification Equipment and Practices	76-01-001 EL 4292	—								x			

4

Chart 3

**PRINCIPAL NEW FACILITIES AND FEATURES FOR DISTANCE DIALING  
AVAILABLE OR PLANNED FOR SHIPMENT IN THE NEXT THREE YEARS**

Subject (Note 1)	Source GL	Ship Date (2)	Pnl/SXS	Application									
				1/5XB	1/2/3 ESS	XBT	4XB	4ESS	TSP(S)	IDDD	Mini-Cmptr	Other	
Signal Converter	76-01-144 EL 3846-1	—								x			
Generic 6 Price and Availability	76-02-003 EL 3921	—								x			
Increased Traffic Capacity	76-02-119 EL 3307	—						x					
Expanded Capabilities, Improvements, and Modifications of the Incoming Trunk Test Frame Circuit (ITT)	75-02-178 EL 4485	2Q76				x							
Reduction of Decoder Queue Timing Interval for Offices Equipped with ETS	76-02-187 EL 4314	—					x						
Digroup Terminal	76-03-024 EL 3882	3Q76						x					
Generic 6 Price and Availability (Supplement)	76-03-225 EL 3921-1	—								x			
Increase in Trunk Line Frame CCS Capacity from 2800 to 3000 CCS	76-04-029												
Service Evaluation System — No. 1A	76-04-073	4Q76										x	SES
Common Channel Interoffice Signaling (CCIS) Assignment Criteria and Restrictions	76-04-079						x						
Improved Trunk Subgroup Selection Capability for the Incoming Trunk Test Circuit	76-04-108 EL 4595	2Q77				x							

CIBIC

**PRINCIPAL NEW FACILITIES AND FEATURES FOR DISTANCE DIALING  
AVAILABLE OR PLANNED FOR SHIPMENT IN THE NEXT THREE YEARS**

Subject (Note 1)	Source GL	Ship Date (2)	Pnl/SXS	Application								
				1/5XB	1/2/3 ESS	XBT	4XB	4ESS	TSP(S)	IDDD	Mini-Cmptr	Other
Toll Switching – Planning Price Profiles	76-05-091 EL 4644	–			x		x	x				
4A/ETS, CCIS, SO & STP Generic Programs; Application, Availability and Price	76-05-136 EL 3959	–					x					CCIS
Network Management – 4A/ETS CCIS	76-05-150	–					x					ETS, CCIS
CCIS – Economic Study Procedure and Results	76-05-166 EL 4581	–			x		x	x				CCIS
Preliminary List of Features Planned for Release in Generic 4E2 for No. 4 ESS	76-06-021 EL 3309	–						x				
CCIS, 1976-79 Planning Information and Proposed Implementation Schedules	76-06-134 EL 4582	–					x	x				CCIS
Modification of 100B Trainer and New 100C Trainer	EL 4278	–							x			

Note 1 – The time span covered by this chart is from July, 1975 to June, 1976. Consult prior DDCH issues for letters issued before the earlier date.

Note 2 – The date indicated for Probable Initial Shipment is a current view. It should not be viewed either as the earliest date desired by the Companies or a commitment by W.E. Certain dates are based on intervals for similar developments, and are in advance of detail information.

Note 3 – Several other AT&T publications provide valuable planning information. Departmental newsletters such as the Systems Planning Newsletter, Long Lines Operations Information Bulletin, etc., should be consulted on a regular basis.

NO. 4 - TYPE TOLL CROSSBAR OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	TYPE/ CLASS	SERVICE DATE		P=PBC C=CAMA T=TSPS	MACHINE RESPONSIBILITY*				
				OFFICE	ETS		T	E	A	M	
10	N.E.	Brockton 2, Mass.	BRTNMAC002T	4A/3	03/75	03/75	P	C	C	C	C
	Boston 2, Mass.	BSTNMAFR02T	4M/2	11/49		C,T	L	L	L	C	
	Boston 9, Mass.	BSTNMAFR09T	4A/2	04/70	04/70	P,C,T	L	L	L	L	
	Springfield 2, Mass.	SPFDMABR01T	4A/2	05/63			L	L	L	C	
	Providence, R.I.	PRVDRIGR04T	4A/3	06/72	06/72	P	L	L	L	L	
	Cambridge 16, Mass. (Kendall Square)	CMBRMABE16T	4A/3	06/73	06/73		C	C	C	C	
	Portland 2, Me.	PTLDMEFO02T	4A/3	06/73	06/73		C	C	C	C	
	Lawrence 2, Mass.	LWRNMACA02T	4A/3	10/73	10/73		C	C	C	C	
	Framingham, Mass.	FRMNMAWA03T	4A/3	06/74	06/74	P,T	C	C	C	C	
	Worcester 2, Mass.	WRCSMAO202T	4A/3	09/75	09/75	P,C	L	L	L	L	
14	N.Y.	Albany 2	ALBYNYSS04T	4A/2	04/50		T	L	L	L	L
	Buffalo 1	BFLONYFR04T	4A/3	05/56	05/73	C	C	C	C	C	
	New York 4	NYCMNYAA02T	4M/2	11/48			L	L	L	L	
	New York 7	NYCMNY5404T	4A/2	09/63			L	L	L	L	
	Suffolk	HNTNNYSU01T	4A/2	06/70	06/70	T	L	L	L	L	
	Syracuse	SYRCNYSU04T	4A/3	05/54	04/76	C	C	C	C	C	
	White Plains 2	WHPLNY0201T	4A/1	11/54	10/70	P	L	L	L	L	
	Varick Street	NYCMNYVS01T	4A/4	12/71	12/71	T	C	C	C	C	
	New York 6	NYCMNY5405T	4A/3	08/72	08/72		L	L	L	L	
	New York 10	NYCMNYBW01T	4A/3	06/73	06/73		L	L	L	L	
	White Plains 4	WHPLNYWP03T	4A/3	10/73	10/73	C,T	C	C	C	C	
	Garden City 1	GRCYNYGC01T	4A/4	10/73	10/73	C	C	C	C	C	
	Broadway 2	NYCMNYBW20T	4A/4	02/74	02/74		C	C	C	C	
	New York 11	NYCMNYBW02T	4A/3	08/74	08/74	P	L	L	L	L	
8	N.J.	Camden 2	CMDNNJCE02T	4A/2	10/69	10/69	T	L	L	L	L
	Newark 2	NWRKNJ0205T	4A/2	08/53			L	L	L	L	
	New Brunswick 4	NBWKNJNB02T	4A/3	08/70	08/70	T	C	C	C	C	
	Rochelle Park 1	RCPKNJ0201T	4A/3	11/66	10/74	T	C	C	C	C	
	Rochelle Park 2	RCPKNJ0202T	4A/4	06/75	06/75	P	L	L	L	L	
	Newark 7	NWRKNJ0207T	4A/3	07/73	07/73	T	C	C	C	C	
	Cedar Knolls 1	CDKNNJCK01T	4A/3	06/74	06/74	P,T	L	L	L	L	
	Hamilton Sq. 1	HMSQNJHS01T	4A/3	10/74	10/74	P	L	L	L	L	

NO. 4 - TYPE TOLL CROSSBAR OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	TYPE/ CLASS	SERVICE DATE		P=PBC C=CAMA T=TSPTS	MACHINE RESPONSIBILITY*			
				OFFICE	ETS		T	E	A	M
9 PA.	Harrisburg	HRBGPAHA41T	4A/2	12/55	06/74	P,C	L	L	L	L
	Philadelphia 2	PHLAPAMK41T	4M/3	08/43		T	L	C	L	C
	Pittsburgh 1	PITBPADT41T	4A/2	07/51		C,T	L	L	L	C
	Pittsburgh 2	PITBPADG42T	4A/1	11/70	11/70		L	L	L	C
	Scranton	SCTNPASC41T	4A/3	05/53		C	C	C	C	C
	Wayne 1	WAYNPALA41T	4A/1	05/57	06/71	P	L	L	L	C
	Ft. Washington 1	FTWSPAFW41T	4A/3	06/72	06/72	T	C	C	C	C
	Philadelphia 3	PHILAPASL41T	4A/3	06/74	06/74	P	L	L	L	C
	Wilmington, Del.	WLMGDEWL41T	4A/3	07/75	07/75	P,T	C	C	C	C
	9 C&P	Baltimore 2, Md.	BLTMMDDT02T	4A/2	08/50	05/76	T	C	C	C
Charleston, 1 W. Va.		CHTNWVLE24T	4A/2	03/61		C	C	C	C	C
Richmond 1, Va.		RCMDVAGR01T	4A/2	06/54	03/76	C,T	C	C	C	C
Washington 1, D.C.		WASHDCDT04T	4A/3	09/50		T	C	C	C	C
Washington 3, D.C.		WASHDCSW04T	4A/2	03/67	05/71	P,T	C	C	C	C
Norfolk 3, Va.		NRFLVABS02T	4A/3	05/72	05/72	T	C	C	C	C
Arlington 2, Va.		ARTNVACK03T	4A/3	02/72	02/72	P,T	C	C	C	C
Baltimore 9, Md.		BLTMMDCH09T	4A/3	05/74	05/74	P,T	C	C	C	C
Roanoke, Va.		RONKVALK02T	4A/3	05/75	05/75	P,C	C	C	C	C
21 SO.		Atlanta 1, Ga.	ATLNGATL42T	4A/2	10/51	05/74	P,T	L	L	L
	Charlotte 1, N.C.	CHRLNCCA01T	4A/2	11/54	04/72	C,T	L	L	L	L
	Columbia 1, S.C.	CLMASCTLO1T	4A/2	04/59	03/75	P,C,T	L	L	L	L
	Greensboro 1, N.C.	GNBONCEU01T	4A/2	08/60	3Q-73	C,T	L	L	L	L
	Jacksonville 1, Fla.	JVCLFLCLO1T	4A/2	12/55	05/73	C,T	L	L	L	L
	Miami 2, Fla.	MIAMFLTL02T	4A/4	11/57		T	L	L	L	L
	Orlando 1, Fla.	ORLDFLMA01T	4A/2	11/62	09/73	C,T	L	L	L	L
	Rockdale, Ga.	RCDLGATL41T	4A/1	06/60	06/70	T	L	L	L	L
	Columbus 1, Ga.	CLMBGAMT42T	4A/4	11/71	11/71	C	C	C	C	C
	Raleigh, N.C.	RLGHNCM003T	4A/3	08/71	08/71	C,T	C	C	C	C
	Ojus 1, Fla.	OJUSFLTL01T	4A/3	11/72	11/72	C,T	L	L	L	L
	Florence, S.C.	FLRNSCMA02T	4A/3	04/72	04/72	P,C	C	C	C	C
	Pensacola, Fla.	PNSCFLBO3T	4A/4	05/73	05/73	C,T	C	C	C	C
	Atlanta 3, Ga.	ATLNGANW43T	4A/3	01/73	01/73	T	L	L	L	L
	Gainesville 2, Fla.	GSVLFLAN03T	4A/3	08/74	08/74	P,C	C	C	C	C
	Ojus 2, Fla.	OJUSFLTL02T	4A/4	11/75	11/75	P	L	L	L	L
	West Palm Beach 3, Fla.	WPBHFLAN03T	4A/3	09/75	09/75	P	L	L	L	L
	Greenville, S.C.	GNVLSCTLO1T	4A/3	06/75	06/75	P,C	L	L	L	L
	Macon 2, Ga.	MACNGAGA42T	4A/2	05/75	05/75	P,C	L	L	L	L
	Gastonia, N.C.	GSTANCSO02T	4A/3	04/75	04/75	P,C	C	C	C	C
Winston-Salem, N.C.	WNSLNCFI02T	4A/3	05/75	05/75	P,C	C	C	C	C	

NO. 4 - TYPE TOLL CROSSBAR OFFICES IN SERVICE - END OF 1975

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(4)

CO.	LOCATION	CLLI	TYPE/ CLASS	SERVICE DATE		P=PBC C=CAMA T=TSPS	MACHINE RESPONSIBILITY*			
				OFFICE	ETS		T	E	A	M
SOCN	Birmingham 1, Ala.	BRHMALMT56T	4A/2	08/57	05/74	P,C,T	L	L	L	L
	Jackson 2, Miss.	JCSNMSPS04T	4A/2	06/59	03/74	C,T	L	L	L	L
	Knoxville 1, Tenn.	KNVLTNMA41T	4A/3	02/61		C,T	C	C	C	C
	Louisville 1, Ky.	LSVLKYCS04T	4A/2	11/57	04/72	C,T	L	L	L	L
	Memphis 1, Tenn.	MMPHTNMA41T	4A/2	10/56	04/72	C,T	L	L	L	L
	Nashville 1, Tenn.	NSVLTNMT41T	4A/2	10/56	05/73	C,T	L	L	L	L
	New Orleans 1, La.	NWORLAMA01T	4A/2	03/53	01/74	P,T	L	L	L	L
	Baton Rouge 1, La.	BTRGLAMA01T	4A/4	08/71	08/71		C	C	C	C
	Decatur 1, Ala.	DCTRALMT56T	4A/3	04/74	04/74	P,C	C	C	C	C
Shreveport 1, La.	SHPTLATL02T	4A/3	04/74	04/74	P,C,T	C	C	C	C	
OHIO	Dayton	DYTNOH1501T	4A/3	11/63	12/75	P,C,T	C	C	C	C
	Cleveland 1	CLEVOH6201T	4M/3	06/49		C,T	L	L	L	L
	Columbus 2	CLMBOH1102T	4A/3	10/56	11/71	P,T	C	C	C	C
	Toledo 1	TOLDHO2101T	4A/3	08/61	04/73	P,C,T	L	L	L	L
	Cleveland 2	CLEVOH0202T	4A/2	08/72	08/72	P,T	L	L	L	L
	Akron 2	AKRNOH2502T	4A/3	11/73	11/73	P,T	C	C	C	C
	Youngstown 2	YNTWOH0202T	4A/3	04/75	04/75	P,T	C	C	C	C
MICH.	Detroit 1	DTRTMIBA40T	4A/2	10/53	12/70	P	L	L	L	L
	Grand Rapids 1	GDRPMIBL40T	4A/2	04/69	04/69	P	L	L	C	C
	Plymouth 1	PLMOMIFA40T	4A/3	07/69	07/69	P,C,T	C	C	C	C
	Pontiac 2	PNTCMIMN40T	4A/3	06/72	06/72	P,C,T	C	C	C	C
	Detroit 2	DTRTMIBH40T	4A/4	03/74	03/74	P,T	C	C	C	C
	Kalamazoo 2	KLMZMIFA40T	4A/3	06/74	06/74	P,C	C	C	C	C
	Saginaw 2	SGNWMIFA40T	4A/3	12/74	12/74	P,C	C	C	C	C
	Lansing 2	LNNGMIMN40T	4A/3	06/75	06/75	P	C	C	C	C
IND.	Bloomington 1	BLTNIN0104T	4A/2	08/70	08/70	T	C	C	C	C
	Indianapolis 1	IPLSIN0104T	4A/2	05/50	06/73	P,C	L	L	L	L
	South Bend 1	SBNDIN0504T	4A/2	04/70	04/70	P,T	L	L	L	L
WISC.	Eau Claire 1	EUCLW10141T	4A/2	05/70			C	C	C	C
	Milwaukee 1	MILWW14841T	4A/3	05/55			L	L	L	L
	Waukesha 2	WKSHW10241T	4A/2	05/73	05/73	P,T	L	L	L	L

NO. 4 - TYPE TOLL CROSSBAR OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	TYPE/ CLASS	SERVICE DATE		P=PBC C=CAMA T=TSPS	MACHINE RESPONSIBILITY*			
				OFFICE	ETS		T	E	A	M
10 ILL.	Chicago 2	CHCGILCG42T	4M/3	12/48		C,T	L	L	L	L
	Chicago 3	CHCGILEG43T	4A/3	09/54		C,T	L	L	L	L
	Chicago 6	CHCGILCL46T	4A/2	06/71	06/71	P,T	L	L	L	L
	Norway 1	NRWYILN041T	4A/1	12/62	12/75		L	L	L	L
	Springfield 1	SPFDILSF41T	4A/2	09/60	09/74		L	L	L	L
	Champaign 1	CHMPILRA41T	4A/3	11/72	11/72		C	C	C	C
	Oak Brook	OKBRIL0A41T	4A/4	08/72	08/72	P,T	L	L	L	L
	Peoria 2	PEORILPJ41T	4A/3	10/73	10/73		C	C	C	C
	Northbrook	NBRKILNT41T	4A/3	04/74	04/74	P,T	L	L	L	L
	Collinsville 2	COVLILCL41T	4A/2	10/75	10/75	P,C	L	L	L	L
5 NW	Des Moines, Ia.	DESMIADT04T	4A/2	06/57	10/70	P,C	L	L	L	L
	Minneapolis 1, Minn.	MPLSMNDT04T	4A/2	02/51	06/71	C,T	L	L	L	L
	Omaha 1, Neb.	OMAHNENW04T	4A/2	02/52	01/71	P,C,T	L	L	L	L
	St. Paul 2, Minn.	STPLMMNK04T	4A/3	11/71	11/71	C,T	L	L	L	L
	Fargo 1, N.D.	FARGNDBC03T	4A/2	11/75	11/75	P,C	L	L	L	L
10 19 SW	Dallas 1, Tex.	DLLSTXTL14T	4A/1	11/51	06/71	P,C,T	L	L	L	L
	Dallas 2, Tex.	DLLSTXTL24T	4A/2	07/71	07/71	C,T	L	L	L	L
	Fort Worth, Tex.	FTWOTXED14T	4A/2	07/60	10-72	C,T	L	L	L	L
	Houston 1, Tex.	HSTNTX0114T	4A/2	07/52	10/73	C,T	L	L	L	L
	Houston 2, Tex.	HSTNTX0124T	4A/3	06/71	06/71	C,T	L	L	L	L
	Houston 3, Tex.	HSTNTX0834T	4A/4	03/75	03/75	P,C	L	L	L	L
	Kansas City, Mo.	KSCYMO0914T	4A/2	11/50	11/72	C,T	L	L	L	L
	Little Rock, Ark.	LTRKARFR14T	4A/3	05/54	06/74	P,C,T	C	C	C	C
	Oklahoma City 1, Okla.	OKCYOKCE14T	4A/2	02/54	09/73	P,C,T	C	C	C	C
	San Antonio, Tex.	SNANTXCA04T	4A/2	08/55	12/74	C,T	L	L	L	L
	St. Louis 1, Mo.	STLSMO0914T	4A/1	04/55	02/70	P,T	L	L	L	L
	St. Louis 2, Mo.	STLSMO0924T	4A/2	04/70	04/70	C,T	L	L	L	L
	Tulsa, Okla.	TULSOKTB14T	4A/3	04/57	04/73	C,T	C	C	C	C
	Wichita, Kan.	WCHTKSBR14T	4A/3	10/57	06/74	C	C	C	C	C
	Mission, Kan.	MSSNKSFRO4T	4A/3	04/72	04/72	C	C	C	C	C
	Dallas, Tex.	<del>DLLSTXTL42T</del>	4A/Lc	02/70	02/70		C	C	C	C
	Longview, Tex.	LGVWXTL14T	4A/3	03/73	03/73	C,T	C	C	C	C
	Corpus Christi 1, Tex.	CRCHTXTU04T	4A/3	10/73	10/73	P,C,T	C	C	C	C
	Austin 1, Tex.	AUSTTXGR04T	4A/3	05/74	05/74	P,C,T	C	C	C	C

NO. 4 - TYPE TOLL CROSSBAR OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	TYPE/ CLASS	SERVICE DATE		P=PBC C=CAMA T=TSPS	MACHINE RESPONSIBILITY*				
				OFFICE	ETS		T	E	A	M	
12 MTN.	Albuquerque 1, N.M.	ALBQNMMA01T	4A/2	04/60	02/75	C	L	L	L	L	
	Colorado Springs 1, Colo.	CLSPCOMA01T	4A/3	05/71	05/71	T	C	C	C	C	
	Denver 1, Colo.	DNVRCOMA01T	4A/2	11/54	12/70	P,C,T	L	L	L	L	
	Phoenix 1, Ariz.	PHNXAZMA01T	4A/2	12/66	11/73	P,C	L	L	L	L	
	Pueblo 1, Colo.	PUBLCOMA01T	4A/3	08/69	08/69	C	C	C	C	C	
	Salt Lake City 1, Utah	SLKCUTMA01T	4A/2	03/58	07/73	P,C	L	L	L	L	
	Cheyenne 1, Wyo.	CEYNWYMA01T	4A/2	05/72	05/72	C	C	C	C	C	
	Denver 3, Colo.	DNVRCOMA03T	4A/1	06/72	06/72	P,T	L	L	L	L	
	Tucson 2, Ariz.	TCSNAZMA02T	4A/3	04/74	04/74	P,C	L	L	L	L	
	Denver, 4, Colo.	DNVRCOZJ04T	4A/4	04/74	04/74	P,C	L	L	L	L	
	Greeley 1, Colo.	GRELCOJC01T	4A/3	04/75	04/75	P,C	C	C	C	C	
	Boise 2, Ida	BOISIDMA02T	4A/3	03/65	03/75	P,C	C	C	C	C	
	5 PNB.	Portland 1, Ore.	PTLDOR6201T	4A/2	11/55	03/75	C,T	C	C	C	C
		Seattle 1, Wash.	STTLWA0101T	4A/2	01/59	01/72	C,T	C	C	C	C
		Spokane, Wash.	SPKNWA0101T	4A/3	04/62		C	C	C	C	C
Portland 2, Ore.		PTLDOR6202T	4A/3	04/74	03/74	P,T	C	C	C	C	
Seattle 2, Wash.		STTLWA0602T	4A/3	04/74	04/74	P,C,T	C	C	C	C	
23 = PAC.	Anaheim 1	ANHMCA0128T	4A/2	12/64	04/72	P,T	C	C	C	C	
	Los Angeles 2	LSANCA0201T	4A/2	05/54	04/72	P	C	C	C	C	
	Los Angeles 3	LSANCA0307T	4A/3	03/62	09/69	T	C	C	C	C	
	Oakland 3 (Franklin)	OKLDCA0341T	4M/2	10/49	02/72	P,T	C	C	C	C	
	Redwood City	RDCYCA0242T	4A/3	02/70	02/70	T	C	C	C	C	
	Sacramento	SCRMCA0121T	4A/1	06/53	03/75	P	C	C	C	C	
	Fresno 2	FRSNCA0144T	4A/3	06/72	06/72	C	C	C	C	C	
	San Bernardino	SNBRCA0133T	4A/1	10/57	01/74	P	C	C	C	C	
	Anaheim 2	ANHMCA0177T	4A/3	05/74	05/74	P,T	C	C	C	C	
	San Diego 1	SNDGCA0288T	4A/2	03/67		T	C	C	C	C	
	San Francisco 1	SNFCCA0141T	4A/3	06/69	01/72	C,T	C	C	C	C	
	San Jose 1	SNJSCA0203T	4A/2	06/58	03/73		C	C	C	C	
	Sherman Oaks 2	SHOKCA0263T	4A/3	04/71	04/71	T	C	C	C	C	
	Hayward	HYWRCA0246T	4A/3	03/73	03/73	C	C	C	C	C	
	Gardena 1	GRDNCA0221T	4A/3	05/73	05/73		C	C	C	C	
	Oakland 5 (Franklin)	OKLDCA0342T	4A/3	06/73	06/73	P,C,T	C	C	C	C	
	Reno 3, Nev.	RENONV0304T	4A/2	05/73	05/73	T	C	C	C	C	
	San Francisco 2, (Folsom)	SNFCCA2142T	4A/4	03/74	03/74	P	C	C	C	C	
	Sherman Oaks 3	SHOKCA0373T	4A/4	06/74	06/74	P,T	C	C	C	C	
	Stockton 2	SKTNCA0110T	4A/2	04/74	04/74	P	C	C	C	C	
	Gardena 2	GRDNCA0231T	4A/4	05/75	05/75	P	C	C	C	C	
	Santa Rosa 2	SNRSCA0236T	4A/2	05/75	05/75	P	C	C	C	C	
	Santa Clara	SNTCCA0120T	4A/2	03/75	03/75	P	C	C	C	C	

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CO.	LOCATION	CLLI	TYPE/ CLASS	SERVICE DATE		P=PBC C=CAMA T=TSPS	MACHINE RESPONSIBILITY*				
				OFFICE	ETS		T	E	A	M	
3	SNE	New Haven 4	NWHNCT0203T	4A/2	05/68	05/71	T	L	L	L	L
		Hartford 3	HRFRCT0304T	4A/3	10/73	10/73	C,T	L	L	L	L
		Bridgeport 4	BRPTCT0403T	4A/3	04/75	04/75	P,C	L	L	L	L
1	CINN	Cincinnati 1	CNCNOHWS04T	4A/2	09/52	04/72	P,C,T	L	L	L	L
NON-BELL 20		Montreal 1	MTRLPQ0201T	4A/1	05/56	07/72	C				
		Toronto 1	TOROON0101T	4A/2	06/55		C				
		Toronto 3	TOROON1103T	4A/4	11/72	11/72	C				
		Ottawa 2	OTWAON1002T	4A/3	04/73	04/73	C				
		Clearwater, Fla.	CLWRFLXA02T	4A/4	11/72	11/72	C				
		Ft. Wayne, Ind.	FTWYINXA04T	4A/4	06/69						
		Halifax 1, N.S.	HLPXNS0101T	4A/3	04/71	04/71	C				
		Saskatoon, Sask.	SKTNSK0102T	4A/3	09/70	09/70	C				
		St. Petersburg, Fla.	SPBGFLXA02T	4A/4	11/71	11/71					
		Tampa 2, Fla.	TAMPFLXA02T	4A/3	08/69	02/74	C,T				
		Vancouver 2, B.C.	VANCBC0104T	4A/2	04/71	04/71	C				
		Winnipeg, Man.	WNPGB0101T	4A/2	02/65		C				
		Fayetteville, N.C.	FYVLNCXA02T	4A/3	05/72	05/72					
		Honolulu, Haw.	HNLLHIZA01T	4A/3	01/72	01/72	C				
		Everett 1, Wash.	EVRTWAXA01T	4A/3	04/72	04/72	C				
		Las Vegas 1, Nev.	LSVGNVXB04T	4A/4	11/72	11/72	C				
		Edmonton, Alb.	EDTNAB0201T	4A/3	03/72	03/72	C				
		Rockey Mt. 2, N.C.	RCMTNCXA02T	4A/3	04/74	04/74	P				
		Sarasota 3, Fla.	SRSTFLXF01T	4A/4	10/74	10/74	P				
		Tampa, 3, Fla.	TAMPFLA03T	4A/4	10/75	10/75	T				

\* MACHINE RESPONSIBILITY  
 T= TRAFFIC ENGINEERING  
 E= EQUIPMENT ENGINEERING  
 A= MACHINE ADMINISTRATION  
 M=MACHINE MAINTENANCE  
 C= ASSOCIATED COMPANY  
 L= LONG LINES

CROSSBAR TANDEM IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSP(S)	CAMA	ANI	6-DIGIT TRANSLATION
NE	Bangor, Me.	BNGRMEPA01T	10/69	4		X	X	X
	Boston (Dorchester)	DRCHMAAD10T	01/64	4		X	X	X
	(Harrison)	BSTNMAHA15T	06/65	4	T	X	X	X
	(Metro)	BSTNMAFR03T	06/49	4	T,S			
	(Malden)	MLDNMAEL13T	12/67	4				X
	(Newton)	NWTNMAWA04T	06/55	4				X
	Brockton 1, Mass.	BRTNMACR01T	06/63	4		X		X
	Fall River, Mass.	FLRVMANM01T	05/64	3		X	X	X
	Framingham 1, Mass. (+)	FRMNMAUN01T	01/65	4		S	X	X
	Lawrence, Mass.	LWRNMAC001T	11/60	4		X	X	X
	Manchester, N.H. 1 (φ)	MNCHNHC001T	06/63	3		X	X	X
	Portland, Me.	PTLDMEF001T	04/62	3		X	X	X
	Providence 1 (*), R.I.	PRVDRIWA01T	09/56	4C		X	X	X
	Providence 2 (*), R.I.	PRVDRIWA02T	03/49	4C				
	White River Jct., Vt.	WRJTVTGA01T	11/61	3		X	X	X
	Worcester, Mass.	WRCSMACE01T	11/59	4		X	X	X
	Lewiston 2, Me.	LSTNMEAS02T	06/72	4		X	X	X
	Boston 17, Mass. (#)	BSTNMAFR17T	10/72	3		X		X
	Boston CAMA, Mass. (#)	BSTNMAFR05T	04/57	4		X		X
	Framingham, Mass. (+)	FRMNMAUN02T	10/72	4				
Manchester 2, N.H. (φ)	MNCHNHC002T	05/73	3		X		X	
NY	Albany 1	ALBYNYSS03T	12/61	3C	S	X	X	X
	Binghamton 1 (*)	BNGHNYHY03T	06/59	3		X	X	X
	Buffalo Erie	BFLONYFR01T	10/48	Lcl.				
	Buffalo Frontier	BFLONYFR02T	11/61	Lcl.				
	Utica	UTICNYUT01T	10/63	4		X	X	X
	Binghamton 2 (*)	BNGHNYHY04T	10/72	3		X		
	Amsterdam 1 (#)	NYCMNY3701T	08/48	Lcl.				
	Amsterdam 2 (#)	NYCMNY3702T	11/59	4				X
	Midtown 1 (#)	NYCMNY3703T	09/62	4				X

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CROSSBAR TANDEM IN SERVICE - END OF 1974

CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSPS(S)	CAMA	ANI	6-DIGIT TRANS-LATION
NY	Midtown 2 (3)	NYCMNY3704T	09/64	4				X
	Borough 3 (*)	NYCMNY5003T	10/52	3				
	Borough 4 (*)	NYCMNY5004T	04/55	3				
	City (#)		09/46	Lcl.				
	Gotham 8 (#)	NYCMNY1308T	06/48	4				
	Gotham 9 (#)	NYCMNY1309T	06/50	4				
	Interzone (#)		10/41	Lcl.				
	Chelsea 1 (*)	NYCMNY1801T	08/69	4C				X
	Chelsea 2 (*)	NYCMNY1802T	08/69	4C				X
	Connecticut	NYCMNY9701T	07/52	3				
	Lexington	NYCMNY5602T	06/68	4C				X
	Tenth Ave. 1 (#)	NYCMNY5401T	12/63	4				X
	Tenth Ave. 2 (#)	NYCMNY5402T	08/65	3		T	X	X
	Tenth Ave. 3 (#)	NYCMNY5403T	10/67	3			X	X
	Vesey 1 (*)	NYCMNYWS01T	10/49	4				X
	Vesey 2 (*)	NYCMNYWS02T	09/50	4				X
	Vesey 3 (*)	NYCMNYWS03T	09/54	4				X
	West St. 4 (*)	NYCMNYWS04T	09/59	3			X	X
	West St. 5 (*)	NYCMNYWS05T	10/63	3		T	X	X
	York 1 (#)	NYCMNY3001T	11/47	Lcl.				
	York 2 (#)	NYCMNY3002T	10/51	Lcl.				
	E-97th St. 4 DID	NYCMNY9702T	07/71	4				
	West St. 6 (*)	NYCMNYWS06T	10/72	4			X	
	Bronx 1 (*)	NYCXNYGC01T	02/60	3C			X	X
	Bronx 2 (*)	NYCXNYGC02T	07/64	3C		T	X	X
	Tremont 1 (*)	NYCXNYGC03T	07/63	4C				X
	Tremont 2 (*)	NYCXNYGC04T	11/65	4C				X
	Mt. Kisco	MTKSNYMK01T	03/58	3C			X	X
	Mt. Vernon 1 (#)	MTRVNYMV01T	10/49	4C				
	Mt. Vernon 2 (#)	MTRVNYMV01T	12/68	Lcl.				
	White Plains 1	WHPLNYWP01T	03/50	4C				
	Nyack	NYACNYNK01T	05/59	3C			X	X
	Monticello	MNTINYMT01T	03/65	4		T	X	X
	Poughkeepsie	PGHKNYSH03T	11/56	3			X	X
	Albermarle Rd. 2 (*)	NYCKNYAL02T	02/59	3C			X	X

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CROSSBAR TANDEM IN SERVICE - END OF 1975

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NY	Albermarle Rd. 3 (*)	NYCKNYAL03T	11/66	3C	T	X	X	X
	Brooklyn (*)	NYCKNYAL01T	09/48	4C				
	Bushwick 1 (#)	NYCKNYBU01T	09/63	4C				X
	Bushwick 2 (#)	NYCKNYBU02T	03/67	4C				X
	Kings 1 (*)	NYCKNYBR01T	08/64	4C				X
	Kings 2 (*)	NYCKNYBR02T	11/68	4C				X
	Forest Hills 1 (#)	NYCQNYFH01T	11/59	3C		X	X	X
	Forest Hills 2 (#)	NYCQNYFH02T	03/64	3C	T	X	X	X
	Jamaica	NYCQNYJA01T	08/47	Lcl.				
	Richmond Hill 1 (*)	NYCQNYRH01T	03/54	4C				
	Richmond Hill 2 (*)	NYCQNYRH02T	07/58	4C				
	Queens 1 (#)	NYCQNYNJ01T	08/65	4C				X
	Queens 2 (#)	NYCQNYNJ02T	12/70	4				X
	Staten Island	NYCRNYNS01T	01/67	4C				X
	Hempstead 1 (*)	HMPSNYHSC1T	07/50	4C				X
	Hempstead 2 (*)	HMPSNYHSC2T	06/57	4C	T			X
	Hempstead 3 (*)	HMPSNYHS03T	08/64	3C		X	X	X
	Hempstead 4 (*)	HMPSNYHS04T	08/66	3C				X
	Deer Park 1	DRPKNYDP01T	11/65	4C				X
	Deer Park 2	DRPKNYDP02T	07/71	4C				
NJ	Asbury Park	ASPKNJAP01T	02/66	4				X
	Atlantic City	ATCYNJAC01T	04/61	3		X	X	X
	Camden	CMDNNJCM01T	03/53	4	T	X	X	X
	Hackensack	HCKNNJHK01T	06/53	4		X	X	X
	Jersey City (Bergen)	JRCYNJBR01T	01/55	4		X	X	
	Morristown	MRTWNJMR01T	01/55	4	S	X	X	X
	Newark (Essex 1) (#)	IVTNNJES01T	11/57	3		X	X	X
	(Essex 2) (#)	IVTNNJES02T	03/61	3				
	(Jersey 1) (*)	NWRKNJ0203T	10/47	4				
	(Jersey 2) (*)	NWRKNJ0204T	11/52	4		X	X	
	(TSP Tandem) (*)	NWRKNJ0206T	07/65	4	T			X
	New Brunswick 1	NBWKNJNB01T	06/57	4		X	X	X
	Paterson	PTSNNJAR01T	07/50	4		X	X	X

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Chart 5

CROSSBAR TANDEM IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSP(S)	CAMA	ANI	6-DIGIT TRANS- LATION
NJ	Trenton	TRENNJTN01T	03/57	4		X	X	X
PA	Allentown	ALTWPAAL21T	10/61	4		X	X	X
	Altoona	ALNAPAAL21T	11/57	3		X	X	X
	Greensburg	GNBGPAGR21T	08/59	4		X	X	X
	Lancaster	LNCSPALA21T	05/62	4		X	X	X
	Phila. (East A) (#)	PHLAPAMK21T	03/53	4	S	X	X	X
	(East B) (#)	PHLAPAMK22T	06/60	4		X	X	X
	(North A) (*)	PHLAPADA21T	08/55	4		X	X	X
	(North B) (*)	PHLAPADA22T	10/64	4	T	X	X	X
	(West)	PHLAPASH21T	08/55	4		X	X	X
	Pitts. (Tandem A) (#)	PITBPADT21T	04/55	4C		X	X	X
	(Tandem B) (#)	PITBPADT22T	08/57	4C		X	X	X
	Reading	RDNGPARE21T	11/59	4		X	X	X
	Tullytown	TULYPATU21T	3/59	4		X	X	X
	Wilkes-Barre	WLBPAWB21T	11/62	4		X	X	X
	Williamsport	WLPTPAWI21T	5/61	3		X	X	X
C&P	Arlington, Va. (Local)		09/51	Lcl.				X
	Arlington 1, Va. (Toll)	ARTNVAAR02T	03/66	4C				X
	Baltimore 3, Md.	BLTMMDDT03T	10/48	4C		X	X	X
	Baltimore 7, Md.		12/67	Lcl.				X
	Clarksburg, W. Va.	CLBGWVMA23T	10/64	3		X	X	X
	Norfolk 1, Va.	NRFLVABS01T	08/62	4C		X	X	X
	Silver Spring, Md. (Local)		09/61	Lcl.				X
	(Toll)	SLSPMDSS01T	05/64	4		X	X	X
	Wash., D.C. (Dupont)		11/64	Lcl.				X
	(Uptown)		01/49	4C		X	X	X
(Mt. Pleasant)		10/66	Lcl.				X	
Baltimore 6, Md.		01/63	Lcl.				X	
Hyattsville		10/51	Lcl.				X	

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CROSSBAR TANDEM IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSPS(S)	CAMA	ANI	6-DIGIT TRANSLATION
SO	Asheville, N.C.	AHVLNCOH01T	06/66	3		X	X	X
	Atlanta 2, Ga.	ATLNGATL53T	10/60	4		X	X	X
	Atlanta-Decatur, Ga.	ATLNGAEL62T	09/64	Lcl.				
	Charleston, S.C.	CHTNSCDT02T	04/66	4	S	X	X	X
	Ft. Lauderdale, Fla.	FTLDFLMA01T	12/64	4	S	X	X	X
	Miami 3, Fla.	MIAMFLLR03T	09/59	4		X	X	X
	West Palm Beach, Fla.	WPBHFLAN01T	11/66	4		X	X	X
	Miami-Biscayne, Fla.	MIAMFLBC31T	07/72	Lcl.				
	SOCN	Chattanooga, Tenn.	CHTGTNMA61T	09/57	4	S	X	
Lafayette, La.		LFYTLAMA01T	11/60	3		X	X	X
Mobile, Ala.		MOBLALMT66T	05/65	3		X	X	X
Montgomery, Ala.		MTGMALMT66T	07/62	3		X	X	X
New Orleans 2, La.		NWORLABM01T	12/62	4		X	X	X
Paducah, Ky.		PDCHKYMA02T	05/60	3		X	X	X
OHIO	Akron 1	AKRNOH2501T	11/57	4		X	X	X
	Canton	CNTNOH0101T	06/60	3		X	X	X
	Clev. (Clearwater 1)*	CLEVOH2501T	01/59	3C	T	X	X	X
	(Clearwater 2)*	CLEVOH2502T	07/69	Lcl.				
	(Garfield)	CLEVOH4201T	02/55	3		X	X	X
	(Henderson 1)	CLEVOH4301T	04/48	Lcl.				
	(Henderson 2)*	CLEVOH43027	09/66	Lcl.				
	Columbus 1	CLMBOH1101T	07/58	4C		X		
Youngstown	YNTWOH0201T	08/56	4		S	X	X	
MICH	Detroit (Cadillac)*	DTRTMIBA11T	07/58	4C		X	X	X
	(Trinity)	DTRTMIMD01T	10/41	Lcl.				
	(University)	DTRTMIUVO1T	06/59	3				X
	(Woodward)*	DTRTMIBA21T	12/53	4C		X	X	X

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CROSSBAR TANDEM IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSP(S)	CAMA	ANI	6-DIGIT TRANSLATION	
MICH	Flint	FLNTMIMN01T	06/57	4		X	X	X	
	Grand Rapids 2	GDRPMIBL01T	04/57	3		X	X	X	
	Jackson	JCSNMIMN01T	07/67	3		X	X	X	
	Kalamazoo	KLMZMIMN01T	11/65	4		X	X	X	
	Lansing	LNNGMIMN01T	08/64	4		X	X	X	
	Pontiac	PNTCMIMN01T	04/58	4		X	X	X	
	Saginaw	SGNWMIMN01T	06/61	4		X	X	X	
	Traverse City	TRCYMIMN01T	06/73	4		X	X	X	
IND	Evansville	EVVLIN0101T	10/58	3		X	X	X	
	Indianapolis		10/70	Lcl.					
	South Bend 2	SBNDIN0101T	08/56	3	S	X	X	X	
WISC	Appleton - 1	APPLWI0101T	05/62	3		X	X	X	
	Madison 1	MDSNWI0101T	05/63	2		X	X	X	
	Milwaukee 2 (Fairway Dr.)	MILWWI4801T	11/48	4P		X	X	X	
				11/65	Lcl.				
	Racine	RACNWI0101T	05/65	4P		X	X	X	
ILL	Centralia	CENLILCE01T	07/61	3C		X	X	X	
	Chicago (Bell Plaine 1) (#) (Bell Plaine 2) (#) (Congress WATS) (Franklin 1) (*) (Franklin 2) (*) (Kedzie 1) (#) (Kedzie 2) (#) (Stewart 1) (*) (Stewart 2) (*) (Wabash 1) (#) (Wabash 2) (#) Morton Grove	CHCGILBP01T	08/54	4					
		CHCGILBP02T	12/61	Lcl.					
		CHCGILCG01T	09/62	5					
		CHCGILFR01T	07/55	Lcl.					
		CHCGILFR02T	05/59	Lcl.					
		CHCGILKE01T	10/58	Lcl.					
		CHCGILKE02T	07/69	Lcl.					
		CHCGILST01T	11/52	4					
		CHCGILST02T	10/66	4					
		CHCGILWB01T	09/46	Lcl.					
		CHCGILWB02T	05/61	4					
		MRGVILMG01T	09/67	Lcl.					

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CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSP(S)	CAMA	ANI	6-DIGIT TRANSLATION
ILL	Chicago 5	CHCGILHK01T	07/69	4		X		
	Decatur	DCTRILDC01T	12/68	4C		X	X	X
	Peoria 1	PEORILPJ01T	09/61	4C		X	X	X
	Rockford	RCFRILRT01T	12/61	3		X	X	X
	Alton	ALTNILATL01T	12/72	4C		X	X	X
	Champaign 2	CHMPILCP01T	06/59	4C		X	X	X
	Rock Island 2	RCISILRI01T	10/73	4		X	X	X
NW	Bismarck 1, N.D.	BSMRNDBC04T	04/70	3		X	X	X
	Cedar Rapids, Ia.	CDRRIADT03T	12/66	4		X	X	X
	Davenport, Ia.	DVNPIADT03T	10/58	3		X	X	X
	Fargo, N.D.	FARGNDBC04T	04/59	2		X	X	X
	Grand Island, Neb.	GDISNENW03T	05/70	3		X	X	X
	Omaha, Neb.		02/69	Lcl.				
	Rapid City, S.D.	RPCYSDC003T	03/70	4		X	X	X
	Sioux City, Ia.	SXCYIADT03T	06/60	3	T	X	X	X
	Sioux Falls, S.D.	SXFLSDC003T	11/58	3	S	X	X	X
	Waterloo, Ia.	WTRLIADT03T	06/61	3		X	X	X
	Grand Forks, N.D.	GDFRNDBC04T	10/73	3		X	X	X
SW	Abilene, Tex.	ABLNTXOR01T	04/69	3		X	X	X
	Amarillo, Tex.	AMRLTXDR01T	08/55	2		X	X	X
	Beaumont, Tex.	BUMTTXTE01T	05/66	3	T	X	X	X
	Ft. Smith, Ark.	FTSMARSU01T	11/66	4		X	X	X
	Harlingen, Tex.	HRLNTXHG01T	08/71	3		X	X	X
	Joplin, Mo.	JPLNMOMA01T	06/62	3		X	X	X
	Kansas City, Mo.		09/49	Lcl.				
	Lubbock, Tex.	LBCKTXPS01T	07/57	3		X	X	X
	St. Louis, Mo. (Jefferson 1)#	STLSMOO511T	08/49	Lcl.				
	(Jefferson 2)#	STLSMOO521T	04/61	4C		X	X	X
	(Chestnut 1)	STLSMOO101T	09/66	4C	T	X	X	X
Salina, Kan.	SALNKSTA01T	09/56	3		X	X	X	

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CROSSBAR TANDEM IN SERVICE - END OF 1975

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SW	Springfield, Mo.	SPFDMOTL01T	12/64	4	T	X	X	X
	Sikeston, Mo.	SKSTMGR01T	11/68	3		X	X	X
	St. Joseph, Mo.	STJSMODN01T	06/70	4		X	X	X
	Sweetwater, Tex.	SWTWTXSW01T	03/57	2				X
	Waco, Tex.	WACOTX0101T	12/67	3		X	X	X
MTN	Billings, Mont.	BLNGMTMA01T	11/61	2		X	X	X
	El Paso, Tex.	ELPSTXMA01T	08/62	4		X	X	X
	Phoenix 2, Ariz.	PHNXAZMA02T	12/56	4		X	X	X
	Grand Jct., Colo.	GDJTCOMA01T	03/68	3		X		X
PNB	Eugene, Ore.	EUGNOR5301T	06/65	4		X	X	X
	Seattle (East), Wash.	STTLWA0350T	09/54	Lcl.				
	(Emerson)	STTLWA0451T	10/58	Lcl.				
	(Mutual)	STTLWA0103T	04/48	3				
	Tacoma, Wash.	TACMWA0201T	05/64	3		X	X	X
	Yakima, Wash.	YAKMWA0201T	08/58	3		X	X	X
PAC	Alhambra, Cal.	ALHBCA0108T	09/57	Lcl.	S			
	Anaheim, Cal.	ANHMCA0134T	06/57	3		X	X	X
	Bakersfield, Cal.	BKFDCA0130T	04/58	3		X	X	X
	Compton, Cal.	CMTNCA0122T	12/58	Lcl.				X
	Concord, Cal.	CNCRCA0100T	05/67	4		X	X	X
	El Monte, Cal.	ELMNCA0116T	02/60	3				X
	Eureka, Cal.	EURKCA0131T	01/59	4		X		X
	Fresno 1, Cal.	FRSNCA0126T	10/56	4		X	X	X
	Hollywood 3T#, Cal.	HLWDCA0103T	01/50	Lcl.				
	Hollywood 4T#, Cal.	HLWDCA0104T	10/68	Lcl.				
Los Angeles 5T, Cal.	LSANCA0105T	01/48	Lcl.					

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CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSP(S)	CAMA	ANI	6-DIGIT TRANS- LATION
PAC	Los Angeles 6T, Cal.	LSANCA0206T	08/55	Lcl.				
	Los Angeles 17T*, Cal.	LSANCA0517T	11/49	Lcl.				
	Los Angeles 18T*, Cal.	LSANCA0518T	05/67	Lcl.				
	Modesto, Cal.	MDSTCA0233T	06/62	3		X	X	X
	Oakland 4 (Franklin)#	OKLDCA0301T	04/54	4C		X	X	X
	Oakland 1, Cal.		01/42	4				
	Oakland 1 (Franklin)#		05/63	Lcl.		X	X	X
	Oceanside, Cal.	OCSDCA0127T	05/63	4		X	X	X
	Palo Alto, Cal.	PLALCA0216T	07/60	4C		X	X	X
	Reno 2, Nev.	RENONV0200T	01/60	3		X	X	X
	Sacramento 2, Cal.	SCRMCA0124T	07/58	3		X	X	X
	Salinas, Cal.	SLNSCA0111T	04/64	3		X	X	X
	San Diego 2, Cal.	SDNGCA0245T	04/56	3		X	X	X
	San Francisco (Onon O)#	SNFCCA0600T	01/56	4				X
	(Bush O)*	SNFCCA0300T	12/41	Lcl.				X
	(Bush .1)*	SNFCCA0301T	06/49	4		X	X	X
	San Francisco 5 (Mission)	SNFCCA0500T	05/65	4C	T	X	X	X
	San Francisco 6 (Opon 1)#	SNFCCA0601T	01/56	4C	T	X	X	X
	San Jose 2, Cal.	SNJSCA0212T	03/52	3		X	X	X
	San Rafael, Cal.	SNRFCA0100T	09/62	4		X	X	X
	Santa Rosa, Cal.	SNRSCA0129T	06/57	3		X	X	X
	Sherman Oaks 1, Cal.	SHOKCA0120T	12/58	Lcl.				
	Stockton 1, Cal.	SKTNCA0128T	08/57	3		X	X	X
	Redding, Cal.	RDNGCA0203T	01/72	3		X	X	X
	Chico, Cal.	CHICCA0105T	12/62	3		X	X	X
	SNE	Bridgeport 2, Conn.	BRPTCT0202T	03/59	4	S	X	X
Hartford 1, Conn.		HRFRCT0203T	06/56	4		X	X	X
Hartford 2, Conn.		HRFRCT0202T	08/65	4	T	X	X	X
Meriden, Conn.		MRDNCT0002T	10/58	4		X	X	X
New Haven, 2, Conn.		NWHNCT0201T	04/57	4		X	X	X
New London, Conn.		NWLNCT0201T	05/62	4		X	X	X
Norwalk, Conn.		NRWLCT0201T	12/70	4	S	X	X	X
Stamford, Conn.		SMFRCT0101T	09/56	4		X	X	X

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CROSSBAR TANDEM IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	SERVICE DATE	CLASS	TSP(T) TSP(S)	CAMA	ANI	6-DIGIT TRANS- LATION
SNE	Waterbury, Conn.	WTRBCT0002T	11/57	4		X	X	X
CINN	Cincinnati (St. Bernard)	CNCNOHWS01T STBROHSB01T	10/49 05/63	4C Lcl.	S	X	X	X X
(Non- Bell)	Barrie, Ont.	BARION1801T	05/64	4		X	X	X
	Hamilton, Ont.	HMTNON1401T	02/61	4		X	X	X
	Kitchener, Ont.	KTNRON0601T	09/64	3		X	X	X
	London, Ont.	LONDON4801T	08/60	3		X	X	X
	Montreal 2, Que.	MTRLPQ0102T	03/60	4		X	X	X
	Ottawa 1, Ont.	OTWAON2301T	05/63	4		X	X	X
	Quebec, Que.	QUBCPQ1401T	09/63	2		X	X	X
	Sherbrooke, Que.	SHBK PQ4001T	03/66	3		X	X	X
	Sudbury, Ont.	SDBRON9701T	12/64	3		X	X	X
	Toronto, 2, Ont.	TOROON0202T	08/58	4		X	X	X
	Windsor, Ont.	WNDSON1201T	05/62	4		X	X	X
	Calgary, Alba.	CLGRAB0101T	04/59	2		X	X	X
	Regina, Sask.	REGNSK0101T	11/55	1		X		X
	St. John, N.B.	STJHNBU001T	05/62	2		X	X	X
	St. Stephen, N.B.	SSTNNBC001T		4		X	X	X
	Rochester 1, N.Y.	ROCHNYXAQ1T	03/58	4		X		X
	Rochester 2, N.Y.	ROCHNYXA02T	04/69	4		X	X	X

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BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI
N.E.	Ayer, Mass.	AYERMAPL01T	4	C	NJ	Rome	ROMENYRM01T	4	C
	Gardner, Mass.	GRNRMAWE01T	4	C		Watertown	WTTWNYUN01T	4	C
	Milford, Mass.	MLFRMAWA01T	4			Peekskill	PKSKNYPS01T	4	
	Plymouth, Mass.	PLMOMAC001T	4			Riverhead	RVHDNYRV01T	4	
	Salem, Mass.	SALMMAN001T	4	C		Southampton	SATNNYSN01T	4	
	Walpole, Mass.	WLPLMASS01T	4	C					
	Falmouth, Mass.	FLMOMAMG01T	4						
	Hyannis, Mass.	HYNSMAOC01T	4	C					
	Wareham, Mass.	WAHMMAH101T	4						
	Northampton, Mass.	NATNMAMA01T	4						
	Pittsfield 2, Mass.	PTFDMAFE02T	4	C					
	Newport, R.I.	NWPTRIBU01T	4						
	Woonsocket, R.I.	WNSCRICL01T	4						
	Portsmouth, N.H.	PTMONHIS01T	4						
	Dover, N.H.	DOVRNHTH01T	4	C					
	Keene, N.H.	KEENNHWA01T	4	C					
	Laconia, N.H.	LACNNHNM01T	4	C					
Burlington 2, Vt.	BURLVTMA02T	4	C						
NY	Plattsburgh	PLBGNYPB03T	3	C, A	PA	Warren	WRRNPAWA51T	3	C
	Kingston	KGTTNYKG01T	4	C		West Chester	WCHSPAWC51T	3	C
	Newburgh	NWBRNYNW01T	4	C		Coatesville	CTVLPACV51T	4	
	Amsterdam	AMSTNYAM01T	4			Kennett Square	KNSQPAKS51T	4	
	Catskill	CTSKNYCT01T	4	C		Lansdale	LNDLPALD51T	4	C
	Troy	TROYNY0401T	4			Norristown	NRTWPANT51T	4	C
	Malong	MALNNYMM01T	4			Pottstown	PTTWPAPT51T	4	C
	Saranac Lake	SRLKNYOL01T	4	C		Warrington	WGTPPAWR51T	4	C
	Hornell	HRNLNYHL01T	4	C		Stroudsburg	SRBGPAST51T	4	C
	Ithaca	ITHCNYIH01T	4	C		Bloomsburg	BMBGPABL51T	4	C
	Oneonta	ONNTNYOA01T	4	C		Du Bois	DUBSPADU51T	4	C
	Batavia	BATVNYBT01T	4	C		Connellsville	CNVLPAC051T	4	
	Dunkirk	DNKRNYDK01T	4	C		Rochester	ROCHPARC51T	4	C
	Olean	OLENNYHA01T	4	C		Clarion	CLARPACL51T	4	C
	Geneva	GENVNYGN01T	4	C		Sharon	SHRNPASH51T	4	C
	Herkimer	HRKMNYHC01T	4	C		Pottsville	PTTVPAP051T	4	C
	Newark	NWRKNYNK01T	4	C		Washington	WASHPAWA51T	4	
	Ogdensburg	OGBGNYOG01T	4			Dover, Del.	DOVRDEDV51T	4	C
	Oneida	ONEDNYOD01T	4	C					
	Oswego	OSWGNYOS01T	4	C					
	Potsdam	PTSDNYPS01T	4	C					

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Chart 6

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI
C&P	Wheeling, W. Va.	WLNGWVCP25T	3	C	SOCN	Cartersville, Ga.	CRVLGAMA01T	4	C
	Bel Air, Md.	BLARMDBL01T	4	C		Griffin, Ga.	GRFNGAMA01T	4	C
	Chestertown, Md.	CHRTMDCH01T	4	C		Newnan, Ga.	NWNGGAMA01T	4	
	Cumberland, Md.	CMLDMDCM01T	4	C		Morganton, N.C.	MGTNNCGR01T	4	
	Easton, Md.	ESTNMDES01T	4	C		Newton, N.C.	NWTNNCMA01T	4	
	Hagerstown, Md.	HGTWMDHG01T	4	C		Salisbury, N.C.	SLBRNCMA01T	4	
	Havre de Grace, Md.	HDGRMDHV01T	4	C		Goldsboro, N.C.	GLBONCMA01T	4	
	Westminster, Md.	WMNSMDWM01T	4	C		Orangeburg, S.C.	ORBGSCMA01T	4	C
	Danville, Va.	DAVLVADA01T	4	C		De Land, Fla.	DELDFLMA01T	4	C
	Petersburg, Va.	PTBGVAPB01T	4	C		Lake City, Fla.	LKCYFLMA01T	4	
	Norton, Va.	NRTNVAN001T	4	C		Homestead, Fla.	HMSTFLHM01T	4	
	Leesburg, Va.	LSBGVALB01T	4	C		Cocoa, Fla.	COCOFLMA01T	4	
	Winchester, Va.	WNCHVAWC01T	4	C		Fort Pierce, Fla.	FTPRFLMA01T	4	C
	Elkins, W. Va.	EKNSWVDV25T	4	C		Melbourne, Fla.	MLBRFLMA01T	4	C
	Fairmont, W. Va.	FAMTWVMN25T	4	C		Sanford, Fla.	SNFRFLMA01T	4	C
	New Martinsville, W. V.	NWMRWVWZ25T	4			Titusville, Fla.	TTVLFLMA01T	4	
	Weirton, W. Va.	WRTNWVDW25T	4	C		Danville, Ky.	DAVLKYMA05T	3	C, A
	Lewisburg, W. Va.	LWBGVVMW25T	4	C		Greenwood, Miss.	GNWDM SMA05T	3	C, A
	Logan, W. Va.	LOGNWWHC25T	4	C		Madisonville, Ky.	MDVIKYMA05T	3	C, A
	Williamson, W. Va.	WMSNWVLG25T	4			Paintsville, Ky.	PNVLKYMA05T	3	C, A
Frederick, Md.	FRDRMDFR01T	4	C	Tupelo, Miss.	TUPLMSMA05T	3	C, A		
La Plata, Md.	LPLTMDLA01T	4	C	Winchester, Ky.	WNCHKYMA05T	3	C, A		
Annapolis, Md.	ANNPMDAN01T	4	C	Jasper, Ala.	JSPRALMT61T	4	C		
Culpeper, Va.	CLPPVACU01T	4	C	Gadsden, Ala.	GDSDALMT61T	4	C		
Onancock, Va.	ONNCVAON01T	4	C	Huntsville, Ala.	HNVI ALMT61T	4	C		
					Sheffield, Ala.	SHFDALMT61T	4	C	
					Tuscaloosa, Ala.	TSCLAMT61T	4	C	
					Selma, Ala.	SELMALMT61T	4	C	
					Crowley, La.	CRWYLAMA01T	4		
					Minden, La.	MINDLAMA01T	4		
					Monroe, La.	MONRLAMA01T	4	C	
					Ruston, La.	RSTNLAMA01T	4	C	
					Covington, La.	CVTNLAMA01T	4	C	
					Hammond, La.	HMNDLAMA01T	4	C	
					Houma, La.	HOUMLAMA01T	4		
					Gulfport, Miss.	GLPTMSTS05T	4	C	
					Columbus, Miss.	CLMBMSMA05T	4	C	
					Biloxi, Miss.	BILXMSMA05T	4	C	
					McComb, Miss.	MCCMMSMA05T	4	C	
					Grenada, Miss.	GRNDMSMA05T	4	C	
					Columbia, Tenn.	CLMATNMA51T	4	C	
					Lebanon, Tenn.	LBNNTNMA51T	4		
					Shelbyville, Tenn.	SHVL TNMA51T	4	C	
					Athens, Tenn.	ATHNTNMA51T	4		
SO	ChIPLEY, Fla.	CHPLFLMA01T	3	C, A					
	Laurinburg, N.C.	LRBGNCMA01T	3	C, A					
	Thomasville, Ga.	THVLGAMA01T	3	C, A					
	Waycross, Ga.	WYCRGAMA01T	3	C, A					
	Cordele, Ga.	CORDGAMA01T	4						
	Dublin, Ga.	DBLNGAMA01T	4	C					
	Millen, Ga.	MLLNGAMA01T	4	C					
	Bainbridge, Ga.	BNBRGAMA01T	4	C					
	Valdosta, Ga.	VLD SGAMA01T	4	C					
	Albany, Ga.	ALBYGAMA01T	4	C					
Brunswick, Ga.	BRWKGAMA01T	4	C						

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Chart 6

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE – END OF 1975

CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	
SOCN (Cont'd)	Harriman, Tenn.	HIMNTNMA51T	4	C	WISC	Stevens Point	STPTWI151T	3	C, A	
	Morristown, Tenn.	MRTWTNMA51T	4	C		Watertown	WTTWWI0151T	3	C, A	
	Dyersburg, Tenn.	DYBGTNMA51T	4	C		Berlin	BRLNWI0151T	4		
	Jackson, Tenn.	JCSNTNMA51T	4			Fond du Lac	FDULWI0151T	4	C	
	Middlesboro, Ky.	MDBOKYMA05T	4	C						
	Owensboro, Ky.	OWBOKYMA05T	4	C						
	Frankfort, Ky.	FRFTKYMA05T	4	C						
	Shelbyville, Ky.	SHVLKYMA05T	4	C						
	Mayfield, Ky.	MYFDKYMA05T	4			ILL	LaSalle	LSELLLS07T	4	C
	Hattiesburg, Miss.	HTBGMSMA05T	4	C			Morris	MRRSILMS07T	4	C
	Laurel, Miss.	LARLMSMA05T	4	C			Sterling	STNGILSI07T	4	C
	Meridian, Miss.	MRDNMSTL05T	4	C			Woodstock	WDSTILWS07T	4	C
	Bowling Green, Ky.	BWLGKYMA05T	4	C			Barrington	BNTOIIBA07T	4	
	Henderson, Ky.	HNSNKYMA05T	4	C			Libertyville	LBVLILLI07T	4	C
	Humbolt, Tenn.	HMBLTNMA51T	4	C			Cairo	CAIRILCF07T	4	C
							Wau Kegan	WKGNILWK07T	4	
				Beardstown	BDTWILBD07T		4	C		
				Quincy	QNCYILQY07T		4	C		
				Danville	DAVLILDA07T		4	C		
				Canton	CNTNILCN07T		4	C		
				Rock Island	RCISILRI07T		4	C		
				Mount Vernon	MTVRILMV07T		4	C		
				Edwardsville	EWVLILER07T		4	C		
				Springfield	SPFDILSF07T		4	C		
				Vandalia	VANDILVA07T	4	C			
				Crown Point, Ind.	CRPNINCX07T	4	C			
				Hammond, Ind.	HMNDINHW07T	4	C			
OHIO	Piqua	PIQUOH7750T	4							
	Coshocton	CSTNOH6250T	4	C						
	Gallipolis	GLPLOH4450T	4	C						
	Ironton	IRTNOH5350T	4	C						
	Lancaster	LNC SOH6550T	4	C						
	Marietta	MRTTOH3750T	4	C						
Washington (Ct. Hse.)	WACHOH3350T	4	C							
East Liverpool	ELVROH3850T	4								
Findlay	FNDYOH4205T	4	C							
Sandusky	SND SOH6250T	4	C							
Tiffin	TFFNOH4450T	4	C							
MICH	Escanaba	ESCNMIMN09T	3		NW	Mason City, Ia.	MSCYIATC05T	3	C, A	
	Petosky	PTSKMIMN19T	3	C, A		Owatonna, Minn.	OWTNMNOW05T	3	C, A	
	Monroe	MONRMIMN09T	4			Bemidji, Minn.	BMDJMNBE05T	4	C	
	Niles	NILSMIMN09T	4			Shakopee, Minn.	SHKPMNSH05T	4		
	Iron Mountain	IRMTMIMN09T	4	C		Crookston, Minn.	CKTNMNCR05T	4	C	
	Marquette	MRQTMIMN19T	4	C		Thief River Falls, Minn.	TRFLMNTH05T	4	C	
Port Huron	PTHRMIMN19T	4	C							
IND	Crawfordsville	CFVLIN0105T	4	C		Anoka, Minn.	ANOKMNAN05T	4		
	Kokomo	KOKMIN0105T	4	C		Ames, Ia.	AMESIATC05T	4	C	
	New Castle	NWCSIN0105T	4	C		Carroll, Ia.	CRRLIATC05T	4	C	
	Vincennes	VINCIN0105T	4	C		Webster City, Ia.	WBCYIATC05T	4	C	
	Auburn	AUBNIN0105T	4	C						
	Huntington	HNTNIN0105T	4	C						

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Chart 6

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI
NW (Cont'd)	Charles City, Ia.	CHCYIATC05T	4			Forrest City, Ark.	FRCYARMA05T	4	C
	Clinton, Ia.	CLTNIADT05T	4			Jonesboro, Ark.	JNBOARMA05T	4	C
	Ft. Madison, Ia.	FTMDIATC05T	4			Magnolia, Ark.	MGNLARMA05T	4	
	Iowa City, Ia.	IWCYIATC05T	4	C		McGehee, Ark.	MCGHARMA05T	4	
	Dubuque, Ia.	DUBQIATC05T	4	C		Pine Bluff, Ark.	PNBLARJE05T	4	C
	Muscatine, Ia.	MSCTIATC05T	4			Rogers, Ark.	RGRSARMA05T	4	
	Oelwein, Ia.	OLWNIATC05T	4	C		West Memphis, Ark.	WMMPARMA05T	4	C
	Spencer, Ia.	SPNCIATC05T	4	C		Chanute, Kan.	CHNTKSSS05T	4	C
	Storm Lake, Ia.	STLKIATC05T	4			Dodge City, Kan.	DDCYKSMA05T	4	
	Grafton, N.D.	GFTNNDDBC05T	4			Independence, Kan.	INDPKSMA05T	4	C
	Jamestown, N.D.	JMTWNDBC05T	4			Pittsburg, Kan.	PSBGKSL005T	4	C
	Aberdeen, S.D.	ABRDSDC005T	4	C		Atchison, Kan.	ATSNKSSF05T	4	
	Deadwood, S.D.	DDWSDC005T	4			Lawrence, Kan.	LWRNKSV05T	4	C
	Winona, Minn.	WINOMNWI05T	4	G		Leavenworth, Kan.	LVWOKSSH05T	4	
	Watertown, S.D.	WTTWSDC005T	4	C		Olathe, Kan.	KSCYKSOL05T	4	
	Winner, S.D.	WNNRSDC005T	4			Ottawa, Kan.	OTWAKSMA05T	4	C
	Fremont, Neb.	FRMTNENW05T	4	C		El Dorado, Kan.	ELDOKSST05T	4	C
	Norfolk, Neb.	NRFLNENW05T	4	C		Emporia, Kan.	EMPRKS0805T	4	C
	Shenandoah, Ia.	SHNDIATC05T	4			Newton, Kan.	NWTNKS0505T	4	
	Atlantic, La.	ATLTIATC05T	4	C		Winifield, Kan.	WNFDKSMI05T	4	C
	McCook, Neb.	MCCKNENW05T	4			Abilene, Kan.	ABLNKSCD05T	4	C
	North Platte, Neb.	NPLTNENW05T	4	C		Concordia, Kan.	CNCRKSBRO5T	4	C
	Sidney, Neb.	SDNYNENW05T	3	C, A		Ada, Okla.	ADA-OKMA05T	4	C
	St. Cloud, Minn.	STCDMNL005T	3	C, A		Ardmore, Okla.	ARMROKMA05T	4	C
	Virginia, Minn.	VRGNMNV105T	3	C, A		Chickasha, Okla.	CHCKOKMA05T	4	C
	Wadena, Minn.	WADNMNWA05T	3	C, A		Norman, Okla.	NRMNOKMA05T	4	
	Willmar, Minn.	WLMRMNWI05T	3	C, A		Shawnee, Okla.	SHWNOKMA05T	4	C
	Windom, Minn.	WNDMMNWI05T	3	C, A		Elk City, Okla.	EKCYOKMA05T	4	
SW	Clinton, Okla.	CLTNOKMA05T	3	C		Altus, Okla.	ALTSOKMA05T	4	C
	Durant, Okla.	DRNTOKMA05T	3	C		Duncan, Okla.	DNCNOKMA05T	4	C
	Enid, Okla.	ENIDOKMA05T	3	C		Bartlesville, Okla.	BRVLOKFE05T	4	C
	Moberly, Mo.	MBRLMOAM05T	3	C, A		Cushing, Okla.	CSNGOKMA05T	4	C
	Parsons, Kan.	PRSSKSWA05T	3	C, A		McAlester, Okla.	MCLSOKMA05T	4	C
	Flat River, Mo.	FLRVMOGE05T	4	C		Hereford, Tex.	HRFRTXHF05T	4	
	Hannibal, Mo.	HNBLMOAC05T	4	C		Waxahachie, Tex.	WAXCTXWE05T	4	
	Mexico, Mo.	MEXCMOJU05T	4	C		Cisco, Tex.	CISCTXHI05T	4	
	Chillicothe, Mo.	CHLCMOMI05T	4	C		Graham, Tex.	GRHMTXLI05T	4	
	Sedalia, Mo.	SDLIMOTA05T	4	C		Wharton, Tex.	WHTNTXWH05T	4	C
	Denison, Ark.	BYVLARPO05T	4	C		Beeville, Tex.	BEVLTXBV05T	4	C
			4	C		Seguin, Tex.	SGINTXSG05T	4	C
			4	C		Denison, Tex.	DESNTXH005T	4	

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Chart 6

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BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	CO.	LOCATION	CLLI	CLASS	C = CAMA A = ANI	
MTN	Casper, Wyo.	CSPRWYMA26T	3	C, A	PAC	San Luis Obispo, Cal.	SNLOCA0117T	3	C, A	
	Great Falls, Mont.	GRFLMTMA73T	3	C, A		Yuba City, Cal.	YBCYCA0167T	4	C	
	Helena, Mont.	HLNAMTMA44T	3	C, A		Red Bluff, Cal.	RDBLCA0152T	4		
	Roswell, N.M.	RSWLNMMMA62T	3	C, A		Fairfield-Suisun, Cal.	FRFDCA0109T	4		
	Miles City, Mont.	MLCYMTMA23T	4			El Centro, Cal.	ELCNCA0141T	4	C	
	Logan, Utah	LOGNUTMA75T	4	C		Jackson, Cal.	JCSNCA0122T	4	C	
	Price, Utah	PRICUTMA63T	4	C		Dinuba, Cal.	DINBCA0120T	4		
	Ogden, Utah	OGDNUTMA62T	4	C		Rialto, Cal.	RILTCA1173T	4	C	
	Provo, Utah	PROVUTMA37T	4	C		Newhall, Cal.	NHLLCA0147T	4	C	
	Vernal, Utah	VRNLUTMA78T	4	C		Escondido, Cal.	ESCNCA0166T	4	C	
	Twin Falls, Ida.	TWFLIDMA73T	4	C		South Tahoe, Cal.	STAHCA0135T	4	C	
	Pocatello, Ida.	PCTLIDMA23T	4	C		Lakeport, Cal.	LKPTCA0204T	4		
	Ft. Collins, Colo.	FTCLCOMA48T	4	C		Paso Robies, Cal.	PSRBCA0150T	4		
	Grand Junction, Colo.	GDJTCOMA24T	4	C						
	Greeley, Colo.	GRELCOMA35T	4	C		SNE	Danielson, Conn.	DNSNCT00001T	4	C
	Sterling, Colo.	STNGCOMA52T	4							
	Durango, Colo.	DURNCOMA24T	4							
	Alamogordo, N.M.	ALMGNMMA43T	4	C		CINN	Batavia, Ohio	BATVOHBA01T	4	9
	Prescott, Ariz.	PRSCAZMA44T	4	C						
	Livingston, Mont.	LVTNMTMA22T	4	C						
Rock Springs, Wyo.	RCSPWYMA38T	4	C							
Missoula 2, Mont.	MSSLMTMA72T	4	C							
PNB	Astoria, Ore.	ASTROR6401T	3	C, A						
	Bellingham, Wash.	BLHMWA0101T	3							
	Bend, Ore.	BENDOR2401T	3	C, A						
	Medford, Ore.	MDFDOR3301T	3	C, A						
	Pendleton, Ore.	PNTNOR5601T	3	C, A						
	Aberdeen, Wash.	ABRDWA0101T	3	C						
	Salem, Ore.	SALMOR5801T	4	C						
	Longview, Wash.	LGVWWA0201T	4	C						
	Olympia, Wash.	OLYMWA0201T	4	C						
	Walla Walla, Wash.	WLWLWA0101T	4	C						

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Chart 9

NOTE: ANI Information for Class 4 Offices not available for 1976 issue.

BELL SYSTEM NO. 1 ESS LOCAL/TOLL OFFICES IN SERVICE – END OF 1975

CO.	LOCATION	CLLI	CLASS	CO.	LOCATION	CLLI	CLASS			
NJ	Morristown	MRTWNJMR03T	4	ILL	Kankakee	KNKKILKK50T	4			
	Paterson	PTSNNJAR02T	4							
	Vineland	VNLDNJVL02T	4	NW	Duluth, Minn.	DLTHMNME06T	4			
	Wildwood	WLWDNJW103T	4							
PA	Scranton	SCTNPASC81T	4	SW	Galveston, Tex. Kirkwood, Mo. (Tdm) Lawton, Okla. Topeka, Kan	GLTNTXSQ01T	4			
	State College	STCGPAES81T	4				C			
C&P	Fredericksburg, Va.	FRBGVAFB02T	4				MTN	Idaho Falls, Ida.	IDFLIDMA01T	4
	Lynchburg, Va.	LYBGVACH02T	4							
SO	Rome, Ga.	ROMEGATL02T	4	PNB	Corvallis, Ore.	CRVSORGS02T	4			
SOCN	Lake Charles, La.	LKCHLADT03T	4	PAC	San Mateo, Cal.	BRLNCA0135T	4			
	Greenville, Ms.	GNVLMMSMA06T	4							

Switching Classification: If Local and Toll traffic is handled, the system is classified here as "C" Local only systems are noted as Lcl.

BELL SYSTEM STEP-BY-STEP CAMA SYSTEMS IN SERVICE  
END OF 1975

CO.	LOCATION	CLLI	ANI	CO.	LOCATION	CLLI	ANI	
NE	Augusta, Me.	AGSTMEST01T	X	IND	Stuebenville	SBVIOH2850T	X	
	Brattleboro, Vt.	BROVTMA01T	X		Upper Sandusky	UPSN0H2950T	X	
	Concord, N.H.	CNCRNHSO01T	X		Winchester	WNCHOH6950T	X	
	Fitchburg, Mass.	FTBGMAMA01T	X		Xenia	XENIOH3750T	X	
	St. Johnsbury, Vt.	STBYVTSM01T	X		Zanesville	ZNVLOH2750T	X	
	Littleton, N.H.	LTTNNHPL01T	X		Fremont	FRMTOH3350T	X	
	Montpelier, Vt.	MTPLVTSC01T	X		Columbus	CLMBINO105T	X	
	Newburyport, Mass.	NBPTMAGR01T	X		Gary, Ind.	GARYING006T	X	
	Rockland, Me.	RKLDMEL101T	X		Joliet, 1	JOLT1LG006T	X	
	Rutland, Vt.	RTLDTVWE01T	X		Kankakee	KNKK1LKK06T	X	
Waterville, Me.	WTVLMEAP01T	X	Springfield	SPFD1LSF06T	X			
NY	Glen Falls	GLFLNYGF01T		WISC	Ashland	ASLDW10111T	X	
PA	Bradford	BRFRPABR11T	X		Green Bay	GNBYW10111T	X	
	Easton	ESTNPAIA11T	X		Hudson	HDSNW10111T	X	
	Hazleton	HZTNPAHZ11T	X		Janesville	JNVLW10111T	X	
	New Castle	NWCSPANC11T	X		Marinette	MRNTW10111T	X	
C&P	Beckley, W. Va.	BCKLWVWD21T	X		Phineland	RHNLW10111T	X	
	Huntington, W. Va.	HNTNWVDT21T	X		Sheboygan	SHBYW10111T	X	
	Martinsburg, W. Va.	MRBGWVBU21T	X		Superior	SPRRW10111T	X	
	Newport News, Va.	NWNWVAHU01T	X		NW	Marshall, Minn.	MRSHMNMA01T	X
	Parkersburg, W. Va.	PRBGWVKT21T	X			Sheldon, Iowa	SHLNIATC01T	X
	Staunton, Va.	STTNVAST01T	X	SW	Brenham, Texas	BRHMTX0109T	X	
Salisbury, Md.	SLBRMDSB01T	X	Cleveland, Texas		CLEVTXCLO9T	X		
SO	Augusta, Ga.	AGSTGAMT01T	X		Colby, Kan.	CLBYKSOS09T	X	
	Delray Beach, Fla.	DLBHFLMA01T	X		El Dorado, Ark.	ELDOARMA09T	X	
	Daytona Beach, Fla.	DYBHFLMA01T	X		Garden City, Kan.	GRCYKS0709T	X	
	Gainesville, Ga.	GSVLGAMA01T	X		Great Bend, Kan.	GRTBKSST09T	X	
	Panama City, Fla.	PNCYFLMA01T	X	Hays, Kan.	HAYSKS1109T	X		
	Savannah, Ga.	SVNHGAMT01T	X	Hope, Ark.	HOPEARMA09T	X		
Belle Glade, Fla.	BLGLFLMA01T		Hutchinson, Kan.	HTSNKS0209T	X			
OHIO	Barnesville	BRVIOH4250T	X	Liberal, Kan.	LBRLKSO409T	X		
	Hillsboro	HLBOOH3950T	X	Manhattan, Kan.	MNHTKS0409T	X		
	Middletown	MDTWOH4250T	X	Marysville, Kan.	MYVIKSEL9T	X		
	New Lexington	NWLXOH3450T	X	Midland, Tex.	MDLDTXMU09T	X		
	Springfield	SPFD0H3250T	X	Nacogdoches, Tex.	NCGDTXNC09T	X		

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BELL SYSTEM STEP-BY-STEP CAMA SYSTEMS IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	ANI	CO.	LOCATION	CLLI	ANI	
SW (Cont'd)	Newport, Ark.	NWPTARMA09T	X	MTN	Cedar City, Utah	CDCYUTMA58T	X	
	Odessa, Texas	ODSSTXFE09T	X		Glendive, Mont.	GLNDMTMA36T	X	
	Ponca City, Okl.	PNCYOKMA09T	X		Globe, Ariz.	GLOBALZMA42T	X	
	Texas City, Texas	TXCYTXTC09T	X		Santa Fe, N.M.	SNFENMMA98T	X	
	Woodward, Okl.	WDWROKMA09T	X					
	Temple, Tex.	TMPLTXDN09T	X					
	Victoria, Tex.	VCTATX0109T	X		PAC	Salida, Cal.		X
	Huntsville, Tex.	HNVITXHN09T	X			Ventura, Cal.	VNTRCA0101T	X
	Eldon, Mo.	ELDNMOEX09T	X					
	Kirksville, Mo.	KKVLMOM009T	X					

STEP-BY-STEP CSP'S IN SERVICE - END OF 1975 (ALL CLASS 3)

COMPANY	LOCATION	CLLI	INITIAL SERVICE	CAMA	ANI
PNB	Klamath Falls, Ore.	KLFLOR5401T	'40		X
	Roseburg, Ore.	RSBGOR5701T	'51		X
(Non Bell)	Abbotsford, B.C.	ABFDBC0101T	'53	X	
	Brandon, Man.	BRNDMB0101T	'52		X
	Campbell River, B.C.	CBRVBC0101T	'55		
	Cranbrook, B.C.	CRBKBC0101T	'55	X	
	Dauphin, Man.	DAPHMB0101T	'52		
	Gander, Nfld.	GDRNFXA01T	'59		
	Halifax 2, N.S.	HLFXNS012T	'51		
	Kamloops, B.C.	KMLPBC0101T	'61	X	X
	Nanaimo, B.C.	NNIMBC0101T	'60	X	X
	Nelson, B.C.	NLSNBC0101T	'62	X	X
	Terrace, B.C.	TRRCBC0201T	'68	X	X
	Vancouver 1, B.C.	VANCBC0101T	'59	X	X

BELL SYSTEM STEP-BY STEP CLASS 4 OFFICE IN SERVICE  
END OF 1975

CO.	LOCATION	CLLI	CO.	LOCATION	CLLI
NE	Fitchburg, Mass.	FTBGMAMA01T	NY	Cobleskill	CBLSNYZB01T
	New Bedford, Mass.	NBFRMAAE01T		Glens Falls	GLFLNYGF01T
	Taunton, Mass.	TNTNMAPL01T		Greenwich	GNWCNYGW01T
	Newburyport, Mass.	NBPTMAGR01T		Hudson	HDSNYHD01T
	Greenfield, Mass.	GNFDMACH01T		Schenectady	SCHNNYSC01T
	North Adams, Mass.	NADMMASO01T		Ticonderoga	TCNDNYTI01T
	Pittsfield, 1, Mass.	PTFDMAFE01T		Bath	BATHNYBH01T
	Claremont, N.H.	CLMTNHBR01T		Corning	CRNGNYCG01T
	Concord, N.H.	CHCRNHSS01T		Cortland	CRLDNYCR01T
	Conway, N.H.	CNWYNHYA01T		Elmira	EMIRNYEM01T
	Nashua, N.H.	NASHNHMA01T		Lockport	LCPTNYLK01T
	August, Me.	AGSTMEST01T		Niagara Falls	NGFLNYPO01T
	Farmington, Me.	FRTNMEHI01T		Auburn	AUBNNYAU01T
	Bath, Me.	BATHMEHI01T		Sodus	SODSNYSO01T
	Biddeford, Me.	BDFRMEJE01T			
	Calais, Me.	CALSMECH01T			
	Dover Foxcroft, Me.	DVFXMEMA01T	NJ	Manahawkin	MNHWNJMH01T
	Ellsworth, Me.	ELWOMEMA01T			
	Houlton, Me.	HLTNMECO01T	PA	Easton	ESTNPAEA11T
	Exeter, N.H.	EXTRNHCE01T		Lansdale	LNDLPALD11T
	Norway, Me.	NRWYMEFA01T		Lebanon	LBNNPALE11T
	Preque Isle, Me	PRISMESE01T		Lewistown	LWTWPALE11T
	Rockland, Me.	RKLDMELI01T		Hazleton	HZTNPAHZ11T
	Waterville, Me.	WTVLMEAP01T		McDonald	MCDDPAMC11T
	Bellows Falls, Vt.	BLFLVTHE01T		Shamokin	SHMKPASH11T
	Bennington, Vt.	BGTNVTPLO1T		Sunbury	SNBYPASU11T
	Brattleboro, Vt.	BRBOVTMA01T		Bellefonte	BLLFPABE11T
	Burlington 1, Vt.	BURLVTMA01T		Clearfield	CLFDPACL11T
	Middlebury, Vt.	MDLBVTCC01T		Butler	BTLRPABT11T
	Montpelier, Vt.	MTPLVTSC01T		Charleroi	CHRLPACH11T
	Morrisville, Vt.	MRVLVTUN01T		Indiana	INDIPAIN11T
	Rutland, Vt.	RTLDVTWE01T		New Castle	NWCSPANC11T
	St. Albans, Vt.	STALVTBA01T		Uniontown	UNTNPAAUN11T
St. Johnsbury, Vt.	STBYVTSM01T	Bradford		BRFRPABR11T	
Narrangansett, R.I.	NRGNRIMA01T				

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE  
END OF 1975

CO.	LOCATION	CCLI	CO.	LOCATION	CLLI
C&P	Beckly, W. Va.	BCKLWVWD21T	SO (Cont'd)	Carrollton, Ga.	CRTNGAMA01T
	Huntington, W. Va.	HNTNWVDT21T		Gainesville, Ga.	GSVLGAMA01T
	Parkersburg, W. Va.	PRBGWVKT21T		La Grange, Ga.	LGRNGAMA01T
	Morgantown, W. Va.	MGTWWVfy21T		Marietta, Ga.	MRTTGAMA01T
	Martinsburg, W. Va.	MRBGWVBU21T		Rome, Ga.	ROMEGATL01T
	Leonardtown, Md.	LNTWMDLT01T		Brooksville, Fla.	BKVLFLMA01T
	Oakland, Md.	OKLDMDOk01T		Daytona Beach, Fla.	DYBHFLMA01T
	Salisbury, Md.	SLBRMDSB01T		Palatka, Fla.	PLTKFLMA01T
	Newport News, Va.	NWWVVAHU01T		St. Augustine, Fla.	STAGFLMA01T
	Staunton, Va.	STTNVAST01T		Panama City, Fla.	PNCYFLMA01T
	Christiansburg, Va.	CRBGVACB01T		Key West, Fla.	KYWSFLMA01T
Radford, Va.	RDFRVARA01T	Belle Glade, Fla.	BLGLFLMA01T		
			Delray Beach, Fla.	DLBHFLMA01T	
SO	Gastonia, N.C.	GSTANCSO01T	SOCN	Anniston, Ala.	ANTNALMT51T
	Lenoir, N.C.	LENRNCHA01T		Flomaton, Ala.	FMTNALMT51T
	Shelby, N.C.	SHLBNCA01T		Opelika, Ala.	OPLKALMT51T
	Statesville, N.C.	SSVLNCA01T		Clarksdale, Miss.	CSDLMSMA01T
	Wilmington, N.C.	WLMGNCFO01T		Corinth, Miss.	CRNTMSMA01T
	Hendersonville, N.C.	HNSNXCXA01T		Alexandria, La.	ALXNLAMA01T
	Winston-Salem, N.C.	WNSLNCFI01T		Bunkie, La.	BUNKLAMA01T
	Aiken, S.C.	AIKNSCMA01T		New Iberia, La.	NWIBLAMA01T
	Sumter, S.C.	SMTRSCTL01T		Opelousas, La.	OPLSLATL01T
	Anderson, S.C.	ARSNSCMA01T		De Ridder, La.	DRDRLAMA01T
	Spartanburg, S.C.	SPBGSCMA01T		Leesville, La.	LEVLLAMA01T
	Americus, Ga.	AMRCGAMA01T		Many, La.	MANYLAMA01T
	Eastman, Ga.	ESMNGAMA01T		Winnfield, La.	WNFDLAMA01T
	Ft. Valley, Ga.	FTVYGAMA01T		Donaldsonville, La.	DNVLLAMA01T
	Savannah, Ga.	SVNHGAMT01T		Plaquemine, La.	PLQMLAMA01T
	Vidalia, Ga.	VDALGAMA01T		Maysville, Ky.	MYVLKYMA01T
	Hazelhurst, Ga.	HZHLGAMA01T		Pikeville, Ky.	PKVLKYMA01T
	Jesup, Ga.	JESPGAMA01T		Hopkinsville, Ky.	HPVLKYMA01T
	Athens, Ga.	ATHNGAMA01T		Clarksville, Tenn.	CLVLTNMA11T

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE  
END OF 1975

CO.	LOCATION	CLLI	CO.	LOCATION	CLLI
OHIO	Middletown	MDTWOH4250T	WISC	Ashland	ASLDWIO111T
	Springfield	SPFDQH3250T		Hudson	HDSNWIO111T
	Xenia	XENIOH3750T		Baraboo	BARBWIO111T
	Barnesville	BRVIOH4250T		Superior	SPRRWIO111T
	New Lexington	NWLXOH3450T		Marinette	MRNTWIO111T
	Steubenville	SBVIOH2850T		Rhineland	RHNLWIO111T
	Zanesville	ZNVLOH2750T		Madison (Term. only)	
	Hillsboro	HLBOOH3950T		Green Bay	GNBYWIO111T
	Fremont	FRMTOH3350T		Sturgeon Bay	STBYWIO111T
	Upper Sandusky	UPSNOH2950T		Manitowoc	MNTWWIO111T
	Winchester	WNCHOH6950T		Sheboygan	SHBYWIO111T
				West Bend	WBNDWIO111T
MICH	Mt. Clemens	MTCLMIMN08T	ILL	Kenosha	KENOWIO111T
	Hillsdale	HLDLMIMN08T		Lake Geneva	LKGNWIO111T
	Bad Axe	BDAXMIMN08T		Beaver Dam	BVDMWIO111T
	Bay City	BYCYMIMN08T			
	Cadillac	CDLCMIMN08T		Joliet	JOLTILJ006T
	Holland	HLLDMIMN08T		Springfield	SPFDILSF06T
	Big Rapids	BGRPMIMN08T		Gary, Ind.	GARYINGO006T
	Reed City	RDCYMIMN02T			
	Battle Creek	BTCKMIMN08T			
	Benton Harbor	BNHRMIMN08T			
Sault St. Marie	SSMRMIMN08T				
IND	Anderson	ARNSINO105T	NW	Lake Minnetonka, Minn.	LKMNMNWA01T
	Attica	ATTCINO105T		Little Falls, Minn.	LTFLMNLFO1T
	Frankfort	FRFTINO105T		Ortonville, Minn.	ORVLMNOR01T
	Marion	MARNINO105T		Albert Lea, Minn.	ALLEMNAL01T
	Muncie	MUNCINO105T		Austin, Minn.	AUSTMNAU01T
	Shelbyville	SHVLINO105T		Faribault, Minn.	FRBLMNFA01T
	Clinton	CLTNINO105T		Northfield, Minn.	NRFDMNN001T
	Columbus	CLMBINO105T		Preston, Minn.	PSTNMNPR01T
	New Albany	NWALINO105T		Rochester, Minn.	ROCHMNRO01T
				Luverne, Minn.	LVRNMNLU01T
		Marshall, Minn.	MRSHMNMA01T		

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE  
END OF 1975

CO.	LOCATION	CLLI	CO.	LOCATION	CLLI
NW (Cont'd)	Grand Rapids, Minn.	GDRPMNGR01T	SW (Cont'd)	Helena, Ark.	HLNAARHI 09T
	Hibbing, Minn.	HBNGMNH101T		Hope, Ark.	HOPEARMA09T
	Brainerd, Minn.	BRNRMNBR01T		Hot Springs, Ark.	HTSPARNA09T
	Detroit Lakes, Minn.	DTLKMNDL01T		Newport, Ark.	NWPTARMA09T
	Fergus Falls, Minn.	FRFLMNFF01T		Searcy, Ark.	SRCYARMA09T
	Ottumwa, Ia.	OTTTIATC01T		Garden City, Kan.	GRCYKSO709T
	Algona, Ia.	ALGNIATC01T		Great Bend, Kan.	GRTBKSST09T
	Iowa Falls, Ia.	IWFLIATC01T		Harper, Kan.	HRPRKSMA09T
	Burlington, Ia.	BURLIATC01T		Hutchinson, Kan.	HTSNKSO209T
	Decorah, Ia.	DCRHIATC01T		Liberal, Kan.	LBRLKSO409T
	Sheldon, Ia.	SHLNIATC01T		Pratt, Kan.	PRTTKSNI 09T
	Minot, N.D.	MNOTNDBC01T		Manhattan, Kan.	MNHTKSO409T
	Dickinson, N.D.	DCSNNDBC01T		Marysville, Kan.	MYVIKSEL09T
	Williston, N.D.	WLSTNDBC01T		Sabetha, Kan.	SBTHKSVI09T
	Madison, S.D.	MDSNSDCO01T		Colby, Kan.	CLBYKSO509T
	Mitchell, S.D.	MTCHSDCO01T		Hays, Kan.	HAYSKS1109T
	Mobridge, S.D.	MBRGSDCO01T		Ponca City, Okla.	PNCYOPMA09T
	Pierre, S.D.	PIRRSDCO01T		Hugo, Okla.	HUGOOKMA09T
	Sauk Centre, Minn.	SKCTMNSC01T		Woodward, Okla.	WDWRKMA09T
	Pine City, Minn.	PNCYMNPC01T		Miami, Okla.	MIAMOKMA09T
Red Wing, Minn.	RDWNMNRW01T	Muskogee, Okla.	MSKGOKMA09T		
Montevideo, Minn.	MTVDMNMD01T	Vinita, Okla.	VINTOKMA09T		
SW	Eldon, Mo.	ELDNMOEX09T	Pampa, Tes.	PMPPTXPP09T	
	Kirkville, Mo.	KKVLMOMO09T	McAllen, Tex.	MCALTXMU09T	
	Cape Girardeau, Mo.	CPGRMOED09T	Brownsville, Tex.	BWVLTXLI09T	
	Poplar Bluff, Mo.	PPBLMOSU09T	Wichita Falls, Tex.	WCFLTXNI09T	
	Arkadelphia, Ark.	ARKDARMA09T			
	Camden, Ark.	CMDNARTE09T			
	El Dorado, Ark.	ELDOARMA09T			

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE  
END OF 1975

CO.	LOCATION	CLLI	CO.	LOCATION	CLLI	
SW (Cont'd)	Temple, Tex.	TMPLTXDN09T	MTN (Cont'd)	La Junta, Colo.	LJNTCOMA38T	
	Brenham, Tex.	BRHMTXO109T		Lamar, Colo.	LAMRCOMA33T	
	Cleveland, Tex.	CLEVTXCL09T		Trinidad, Colo.	TRNDCOMA84T	
	Freeport, Tex.	FRPTTXFP09T		Deming, N.M.	DMNGNMMA54T	
	Hearne, Tex.	HERNTXHE09T		Farmington, N.M.	FRTNNMHI10T	
	Huntsville, Tex.	HNVITXHN09T		Gallup, N.M.	GLLPNMMA72T	
	Nacogdoches, Tex.	NCGDTXNC09T		Las Cruces, N.M.	LSCRNMMA52T	
	Rosenberg, Tex.	RSBGTXRR09T		Las Vegas, N.M.	LSVGNMMA42T	
	Texas City, Tex.	TXCYTXTC09T		Raton, N.M.	RATNNMMA44T	
	Silsbee, Tex.	SLSBTXSL09T		Santa Fe, N.M.	SNFENMMA98T	
	Alice, Tex.	ALICTXAL09T		Clovis, N.M.	CLVSNMMA76T	
	Eagle Pass, Tex.	ELPSTXEP09T		Payette, Ida.	PYTTIDMA64T	
	Laredo, Tex.	LARDTXLA09T		Cedar City, Utah	CDCYUTMA58T	
	Uvalde, Tex.	UVLDTXUV09T		Richfield, Utah	RCFDUTMA89T	
	Victoria, Tex.	BCTATXO109T		Flagstaff, Ariz.	FLGSAZMA77T	
	Alpine, Tex.	ALPITXAP09T		Globe, Ariz.	GLOBAZMA42T	
	Big Spring, Tex.	BGSPTXO109T		Yuma, Ariz.	YUMAAZMA78T	
	Midland, Tex.	MDLDTXMU09T		Bisbee, Ariz.	BISBAZMA43T	
	Odessa, Tex.	ODSSTXFE09T				
MTN	Glasgow, Mont.	GLSGMTMA22T	PNB	Bremerton, Wash.	BMTNWA0101T	
	Glendive, Mont.	GLNDMTMA36T		Centralia, Wash.	CENLWA0101T	
	Havre, Mont.	HAVRMTMA26T		Pt. Angeles, Wash.	PTANWA0101T	
	Shelby, Mont.	SHLBMTMA43T		Ephrata, Wash.	EPHRWA0101T	
	Butte, Mont.	BUTTMTMA72T		Wenatchee, Wash.	WNTCWA0101T	
	Missoula, Mont.	MSSLMTMA54T		Albany, Ore.	ALBYOR6301T	
	Sheridan, Wyo.	SHRDWYMA67T		Lewiston, Ida.	LSTNIDO101T	
	Worland, Wyo.	WRLDWYMA34T		Newport, Ore.	NWPTOR3501T	
	Fort Morgan, Colo.	FTMRCOMA86T		Vancouver, Wash.	VANCWA0101T	
	Craig, Colo.	CRAGCOMA82T		Baker, Ore.	BAKROR2301T	
	Glenwood Springs, Colo.	GLSPCOMA94T				
	Alamosa, Colo.	ALMSCOMA58T		PAC	Ely, Nev.	ELY-NV0128T
	Canon City, Colo.	CACYCOMA27T			Winnemucca, Nev.	WNMCNV0162T
			Marysville, Calif.	NYVICAO100T		

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICE IN SERVICE  
END OF 1975

CO.	LOCATION	CLLI	CO.	LOCATION	CLLI
PAC. (Cont'd)	Portola, Calif.	PTOLCA0100T	SNE (Cont'd)	Norwalk	NRWLCT0101T
	Willows, Calif.	WLWSCA1100T		Norwich	NRWCCT0001T
Dunsmuir, Calif.	DNSMCA1100T	Saybrook		SYBKCT0001T	
Yreka, Calif.	YREKCA1100T	Torrington		TRTNCT0001T	
Auburn, Calif.	AUBNCA0100T	Willimantic		WLMNCT0001T	
Grass Valley, Calif.	GRVYCA0100T	Windsor Locks		WLKSCT0001T	
Woodland, Calif.	WDLCA1100T				
Pittsburg, Calif.	PSBGCA0100T	CINN		Hamilton, Ohio	HMTNOHHM01T
Fairfield -Suisun SXS, Calif.	FRFDCA0100T			Williamstown, Ky.	WLTWKYWT01T
Fort Bragg, Calif.	FTBGCA0100T				
Napa, Calif.	NAPACA0100T				
Petaluma, Calif.	PTLMCA0100T				
Ukiah, Calif.	UKIHCA0100T				
Vallejo, Calif.	VLLJCA0100T				
Monterey, Calif.	MTRYCA0110T				
Watsonville, Calif.	WTVLCA0110T				
Lodi, Calif.	LODICA0100T				
Sonora, Calif.	SNRACA1100T				
Coalinga, Calif.	CLNGCA0110T				
Hanford, Calif.	HNFRCA0110T				
Merced, Calif.	MRCDCA0100T				
Visalia, Calif.	VISLCA1110T				
Mojave	MOJVCA011T				
Ventura SXS	VNTRCA0164T				
Pomona	POMNCA0172T				
SNE	Ansonia Derby	DRBYCT0001T			
	Bridgeport 1	BRPTCT0101T			
	Bristol	BRSTCT0001T			
	Canaan	CNANCT0001T			
	Manchester	MNCHCT0001T			
	Meriden	MRDNCT0001T			
	Middletown	MDTWCT0001T			
	New Britain	NWBRCT0001T			
New Milford	NMFRCT0001T				

NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE/ CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
NE	Concorde, NH.		1E/4	273	09/77	10/78				Repl. SXS
	White River Jct., Vt.	WRJVTGA02T	1A/3	240	1978	1979	X			Repl. XBT
	Bangor, Me.	BNGRMEPACG0	1A/4	250	1979	1980				Repl. XBT & SXS
	Rutland, Vt.		1A/4	152	1979	1980				
	Burlington, Vt.	BURLVTMA03T	1A/4	210	1980	1981				Repl. SXS
NY	New York 12 (Rego Pk.)	NYCONYRP08T	4E/3		08/77	03/78	X			
	New York - BW24	NYCMNYBW24T	4E/3		12/76	04/78	X			Replace 4M
	Garden City	GRCYNYCG02T	4E/3		10/78	05/79				
	White Plains 5	WHPLNY0504T	4E/1		11/79	06/80	X			Replace 4A
	Poughkeepsie		1A/3	403	04/79	04/80				
NJ	Freehold 2	FRHDNJ0202T	4E/4		10/77	05/78	X			Repl. 5XB
	Camden 3	CMDNNJCE03T	4E/2		08/78	04/79	X			Repl. 4A
	Newark 8	NWRKNJ0208T	4E/2		10/79	06/80	X			Repl. 4A
PA	Union Town		1E/4	188	02/76	11/76	X	X		Repl. SXS
	Wayne 2		4E/1		07/76	09/77	X			Repl. 4A
	Greensburg		1E/4	138	02/78	11/78	X	X		Repl. XBT
	Pittsburg 3		4E/4		01/77	11/77	X			Repl. 4A
	Scranton		1A/3	121	05/78	04/79	X	X		
	New Castle		1E/4	145	10/78	04/79	X	X		Repl. SXS
	Sharon		1E/4	140	11/79	07/80	X	X		Repl. SXS
	Indiana		1E/4	140	08/80	05/81	X	X		Repl. SXS & 5XB
Washington		1E/4	180	10/80	07/81	X	X		Repl. 5XB	

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Chart 10

\*\*Based on April, 1976 Construction Budget View

NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE/ CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
OH	Middletown, Oh.	MDTWOH4250T	1E/4	190	07/75	05/76	X	X		Repl. SXS
	Springfield, Oh.	SPFDOH3250T	1A/4	280	05/77	05/78	X	X		Repl. SXS
MICH	Sault Ste Marie	SSMRMIMN17T	1E/4	152	06/75	03/76	X	X		Repl. 5XB
	Port Huron	PTHRMIMN17T	1E/4		10/75	07/76	X	X		
	Flint 2	FLNTMIMN12T	1E/4	225	06/78	05/79	X	X		
IND	Muncie		1E/4	102	02/77	05/78	X	X		Repl. SXS
	Columbus		1E/4	165	11/77	08/78	X	X		Repl. SXS
	Anderson		1E/4	245	1Q/80	4Q/80	X,	X		Repl. SXS
WISC	Madison 2	MDSNWIO241T	4A/3		01/75	05/76	X	X	X	Repl. XBT
	Sheboygan	SHBYWIO145T	1E/4	246	04/76	12/76	X	X		Repl. SXS
	Janesville	JNVLWIO175T	1E/4	176	09/76	06/77	X	X		Repl. SXS
	Green Bay - Jefferson		1E/4	263	12/76	10/77	X	X		Repl. SXS
	Waukesha 3	WKSHWIO23T	4E/2		06/78	06/79	X			Repl. 4A
	Superior		1E/4	150	04/80	11/80	X	X		Repl. SXS
ILL	Chicago 7	CHCGILCL57T	4E/HVT		04/73	01/76	X	X	X	
	Joliet	JOLTILJO50T	1E/4	248	04/76	02/77	X	X		Repl. SXS
	Gary, Ind.	GARYINGO50T	1E/4	117	07/76	05/77	X	X		Repl. SXS
	Chicago 8	CHCGILCG58T	4E/3		05/77	07/78	X			Repl. 4A
	Rockford	RCFRILRT51T	1E/3	415	01/78	11/78	X	X		Repl. XBT

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Chart 10

\*\*Based on April, 1976 Construction Budget View

NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE/ CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
C&P	Salisbury, Md.	SLBRMDSBESS	1E/4	244	06/75	07/76	X	X		Repl SXS
	Huntington, W. Va.	HNTNWVDT22T	1E/4	293	07/75	06/76	X	X		Repl SXS
	Parkersburg, W. Va.	PRBGWVKT22T	1A/4	215	08/77	06/78	X	X		Repl SXS
	Washington 6, D.C.		4E/3		03/77	02/78	X			Repl 4A
	Morgantown, W. Va.	MGTWWVFY22T	1A/4	200	08/77	07/78	X	X		Repl SXS
	Richmond 2, Va.		4E/4		04/78	04/79	X	X		
	Clarksburg, W. Va.	CLBGWVMA24T	1A/3	324	04/79	04/80				Repl XBT
	Wheeling, W. Va.	WLNWVCP26T	1A/3	214	07/79	03/80	X	X		Repl 5XB
	Beckley, W. Va.	BCKLWVWD22T	1A/4	215	02/80	12/80				Repl SXS
SO	Panama City, Fla.	PNCYFLMA03T	1E/3	518	04/74	01/76	X			Repl SXS
	Savannah, Ga.	SVNHGADT42T	1E/3	323	04/75	05/76	X	X		Repl SXS
	Daytona Beach, Fla.	DYBHFLMA03T	1E/4	256	10/75	09/76	X	X		Repl SXS
	Jacksonville 3, Fla.	JCVLFLCL03T	4E/4		10/75	12/76	X			
	Atlanta 4, Ga.	ATLNGATL01T	4E/3		03/75	01/77	X	X		Repl 4A
	Wilmington, N.C.	WLMGNCF002T	1E/4	319	04/76	04/77	X	X		Repl SXS
	Augusta, Ga.		1E/4	261	05/76	05/77	X	X		Repl SXS
	Athens, Ga.	ATHNGAMA02T	1E/4	109	07/76	08/77	X	X		Repl SXS
	Asheville, N.C.	AHVLNCOH02T	1E/4	120	12/76	09/77	X			
	Winter Haven, Fla.	WNHNFLXC01T	4E/4C		11/76	10/77	X			Repl IT-SXS
	Rome, Ga.		1E/4	148	03/77	04/78	X	X		Repl SXS
	Ojus 3, Fla.	OJUSFLTL03T	4E/4		07/77	05/78	X			Repl 4A
	Brooksville, Fla.	BKVLFLMA02T	1A/4	100	02/78	12/78	X	X		Repl SXS
	Charleston, S.C.	CHTNSCDT04T	1A/4	395	01/78	02/79	X	X		Repl XBT
	Albany, Ga.		1A/4	301	03/78	04/79	X	X		Repl 5XB
	Gainesville, Ga.		1A/4	290	04/78	04/79	X	X		Repl SXS
	Orlando 3, Fla.	ORLDFLSA03T	4E/2		04/78	08/79	X	X		Repl 4A
	Shelby, N.C.	SHBLNCMA02T	1E/4	205	01/79	10/79	X	X		Repl SXS
	Charlotte, N.C.	CHRLNCCA03T	4E/2		06/79	03/80	X			Repl 4A
	Columbia, S.C.	CLMASCTL03T	4E/2		01/79	04/79	X			Repl 4A
Waycross, Ga.		1A/4	200	04/79	04/80	X	X		Repl 5XB	
Valdosta, Ga.		1A/4	180	04/79	04/80	X	X		Repl 5XB	

\*\* Based on April 1976 Construction Budget View

NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE/ CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
SO (cont'd)	West Palm Beach, Fla.	COCOFLMA02T	4E/2	112	06/79	06/80	X			Repl 4A
	Cocoa, Fla.		4E/4		09/79	09/80	X			Repl 5XB
	Fort Pierce, Fla.		1A/4		10/79	10/80	X	X		
	Atlanta 5, Ga.	LRBGNCMA02T HNVLNCCH02T	4E/1	250	01/80	04/81	X			Repl 4A(2)
	Laurinburg, N.C.		1E/3		06/80	04/81	X	X		Repl 5XB
	Hendersonville, N.C.		1E/4		07/80	04/81	X	X		Repl SXS
	Columbia 2, S.C.		4E/2		01/80	04/81	X			Repl 4A
	Greensboro, N.C.		4E/2		03/80	05/81	X			Repl 4A
Margate, Fla.	4E/2	02/81	09/81	X			Repl 4A			
SOCN	Chattanooga, Tenn.	CHTGTNNS71T	1E/4	161	03/76	02/77	X	X		
	Anniston, Ala.	ANTNALMT01T	1E/4	199	05/76	04/77	X	X		Repl SXS
	Nashville, Tenn.	NSVLTNMT43T	4E/2		03/77	12/77	X			Repl 4A
	Montgomery, Ala.	MTGMALMT01T	4E/3		08/77	04/78	X	X		Repl XBT
	Lafayette, La.	LAFYLAMA03T	1A/3	347	04/77	07/78	X	X		Repl XBT
	Frankfort, Ky.	FRFTKYMAB1T	1A/4	333	10/77	09/78	X	X		Repl 5XB
	Owensboro, Ky.	OWBOKYMAB1T	1A/4	340	02/78	03/79	X	X		Repl 5XB
	Mobile, Ala.	MOBLALAZ01T	4E/3		09/78	04/79	X	X		Repl XBT
	Monroe, La.	MONRLAMA03T	1A/4C	620	02/78	04/79	X	X		Repl 5XB
	Gulfport, Miss.	GLPTMSK06T	1E/4	140	05/78	05/79	X	X		
	Paducah, Ky.	PDCHKYMAB1T	1E/4	80	12/78	07/79	X	X		Repl XBT
	Opelika, Ala.	OPKAALMT01T	1A/4	200	02/79	12/79	X	X		
	Chattanooga, Tenn.	CHTGTNNS73T	4E/4		05/79	02/80	X	X		Repl XBT, 1ESS
	Selma, Ala.	SELMALMT0IT	1A/4	175	06/79	04/80	X	X		Repl 5XB
	Birmingham, Ala.		4E/2		06/79	04/80	X	X		Repl 4A
	Lafayette, La.	LAFYLAMA03T	1A/3	280	10/79	09/80	X	X		
	Alexandria, La.	ALXNLAMA43T	1A/4C	185	06/80	04/81	X	X		
Tuscaloosa, Ala.	TUSCLALMT01T	1A/4	250	07/80	06/81	X	X			
Tupelo, Miss.	TUPLMSMA06T	1E/4	160	4Q/80	4Q/81	X	X			
NW	Wayzata, Minn.	WYZTMNWA06T	1E/4	214	10/75	06/76	X	X		Repl SXS
	Davenport, Ia.	DVNPIASO07T	1E/3	507	04/75	10/76	X	X		Repl XBT
	Albert Lea, Minn.	ALLEMNAL06T	1E/4	175	02/76	11/76	X	X		Repl SXS
	Sioux Falls, So. Dak.	SXFLSDCO06T	1E/3	224	02/76	04/77	X	X		Repl XBT
	Brainerd, Minn.	BRNRMNBR06T	1E/4	193	06/76	04/77	X	X		Repl SXS
	St. Cloud, Minn.	STCDMNT006T	1E/4	371	12/76	11/77	X	X		Repl 5XB
	Owatonna, Minn.	OWTNMNOW06T	1E/3	320	06/78	05/79	X	X		Repl 5XB
	Minneapolis 3, Minn.	MPLSMNFW08T	4E/2		02/79	05/80	X	X		Repl 4A

\*\* Based on April 1976 Construction Budget View

NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE/ CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
NW (cont'd)	Mason City, Ia.	MSCYIATC07T	1E/3	400	02/79	05/80	X	X		Repl 5XB
	Bismark, N.D.	BSMRNBC07T	1E/3	400	1Q/79	2Q/80	X	X		Repl XBT
	Aberdeen, S.D.	ABRDSDCO05T	1E/4	265	01/80	02/81	X	X		Repl 5XB
	Iowa City, Ia.	IWCYIATC07T	1E/4	400	09/80	08/81	X	X		Repl 5XB SXS
	Omaha, Neb.		4E/2		1980	1981	X	X		Repl 4A
SW	Kansas City 2, Mo.	KSCYMOO904T	4E/2		01/75	07/76	X	X		Repl 4A
	Midland 1, Tx.	MDLDTXMU01T	1E/3	636	07/75	09/76	X	X		Repl SXS
	Dallas 3, Tx.	DLLSTXTL34T	4E/1		03/75	12/76	X	X		Repl 4A
	Amarillo 2, Tx.	AMRLTX021T	1E/4	414	08/75	11/76	X	X		
	San Antonio 2, Tx.	SNANTXCA02T	4E/2		02/76	05/77	X			Repl 4A
	Fayetteville, Ark.	FAVLAKHI01T	1E/4	287	06/76	06/77	X	X		Repl 5XB
	Harlingen, Tx.	HLRNTXHG02T	1E/4	180	08/76	11/77	X	X		Repl XBT
	Rosenberg, Tx.	RSBGTXRR01T	1E/4	220	06/77	04/78	X	X		Repl 5XB
	Lubbock 1, Tx.	LBCKTXPS02T	1A/4	600	07/77	07/78	X	X		Repl XBT
	Fort Smith, Ark.	FTSMAKSU01T	1E/4	280	10/77	09/78	X	X		Repl XBT
	Pine Bluff, Ark.	PNBLAKJE01T	1E/4	479	10/77	10/78	X	X		Repl 5XB
	Nacogdoches, Tx.	NCGDTXNC01T	1E/4	264	01/78	11/78	X	X		Repl SXS
	Beaumont, Tx.	BUMTTXTE03T	1E/4	408	07/77	12/78	X	X		
	Houston 4, Tx.	HSTNTXNC01T	4E/2		11/77	03/79	X	X		Repl 4A
	Hutchinson, Ks.	HTSNKS0202T	1E/4	400	04/78	04/79	X	X		Repl SXS
	Hays, Ks.	HAYSKS1102T	1E/4	235	05/78	04/79	X	X		Repl SXS
	Huntsville, Tx.	HNVTXNC01T	1E/4	193	06/78	04/79	X	X		Repl SXS
	Ft. Worth 2, Tx.	FTWOTXED24T	4E/2		01/78	05/79	X	X		Repl 4A
	Oklahoma City 2, Ok.	OKCYOKCE042	4E/2		01/78	05/79	X	X		Repl 4A
	Jonesboro, Ark.	JNBOAKMA01T	1E/4	350	08/78	08/79	X	X		Repl 5XB
	Victoria, Tx.	VCTATX0102T	1A/4	350	04/79	03/80	X	X		Repl SXS
	Waco, Tx.	WACOTXO102T	1A/4	425	04/79	04/80	X	X		Repl XBT
	St. Louis 3, Mo.	STLSMOO934T	4E/1		03/79	04/80	X	X		Repl 4A
Salina, Ks.	SALNKSTA01T	1A/3	425	01/80	12/80	X	X		Repl XBT	
Cleveland, Tx.	CLEVTXCL01T	1E/4	210	02/80	12/80	X	X		Repl SXS	
Amarillo 3, Tx.	AMRLTX		4E/2		01/80	05/80	X	X		Repl XBT

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Chart 10

\*\* Based on April 1976 Construction Budget View

NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE 1 CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
MTN	Provd, Ut	PROVUTMA01T	1E/3	315	04/75	05/76	X	X		Repl 5XB
	Twin Falls, Id	TWFLIDMA73T	4A/4		08/75	08/76	X	X		Repl XBT
	Helena, Mont.	HLNAMTMA41T	1E/3	229	11/76	11/77	X	X		Repl 5XB
	Albuquerque 2, NM	ALBQNMMA02T	4E/2		03/77	02/78	X	X		Repl 4A
	Casper, Wyo	CSPRWYMA02T	1E/4	270	03/77	02/78	X	X		Repl 5XB & SXS
	Billings, Mont.	BLNGMTMA02T	1E/2	157	03/77	03/78	X	X		Repl XBT
	Cedar City, Utah	CDCYUTMA02T	1E/4	164	08/77	05/78	X	X		Repl SXS
	El Paso 2, Tx	ELPSTXMA02T	1E/4	313	04/78	04/79	X	X		Repl XBT
	Santa Fe, NM	SNFENMMA02T	1A/4	300	05/78	04/79	X	X		Repl SXS
	Pocatello, Id	PCTLIDMA01T	1A/4	182	07/78	05/79	X	X		
	Missoula, Mont.	MSSLMTMA01T	1E/3	170	02/79	02/80	X	X		Repl SXS
	Denver 5, Col.	DNVRCO2J05T	4E/2		04/79	04/80	X	X		Repl 4A (1 & 2)
	Grand Junction, Col	GDJTCOMA02T	4E/3		11/79	08/80	X	X		Repl XBT
	Phoenix 3, Ariz	PHNXAZMA03T	4E/2		09/79	09/80	X	X		Repl 4A
Great Falls, Mont	GRFLMTMA01T	1E/3	150	02/80	02/81	X	X		Repl 5XB	
PNB	Klamath Falls, Ore		1E/4	150	01/78	11/78	X	X		Repl SXS
	Vancouver, Wash		1E/4	210	02/78	12/78	X	X		Repl SXS
	Tacoma, Wash		1E/4	200	10/78	08/79	X	X		Repl SXS & 5XB
	Lewiston, Id - Clarkston, Wash.		1A/4	170	02/79	11/79	X	-		Repl SXS
PAC	Ventura, Cal	VNTRCA0258T	1E/4	181	07/76	07/77	X	X		Repl SXS
	San Diego 3, Cal	SNDGCA0787T	4E/2		01/77	04/78	X	X		Repl 4A & XBT
	Sacramento 4, Cal	SCRMCA0404T	4E/2		12/77	08/78	X	X		Repl XBT
	Los Angeles 4, Cal	LSNACA0470T	4E/2		09/78	03/80	X	X		
	Irvine, Cal	IRVNCA01	4E/4		01/80	03/81	X	X		Repl 4A & XBT
SNE	Bristol, Ct	BRSTCT006G1	1E/4		10/75	12/76	X	X		
	Manchester, Ct	MNCHCT0002T	1E/4	43	11/75	12/76	X	X		
	Danbury, Ct	DNBRCT0003T	1E/4	28	12/76	12/77	X	X		
CINN	Cincinnati 2, Oh	CHCNOHWS14T	4E/2		01/78	04/79	X	X		Repl 4A & XBT

\*\*Based on April 1976 Construction Budget View

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Chart 10

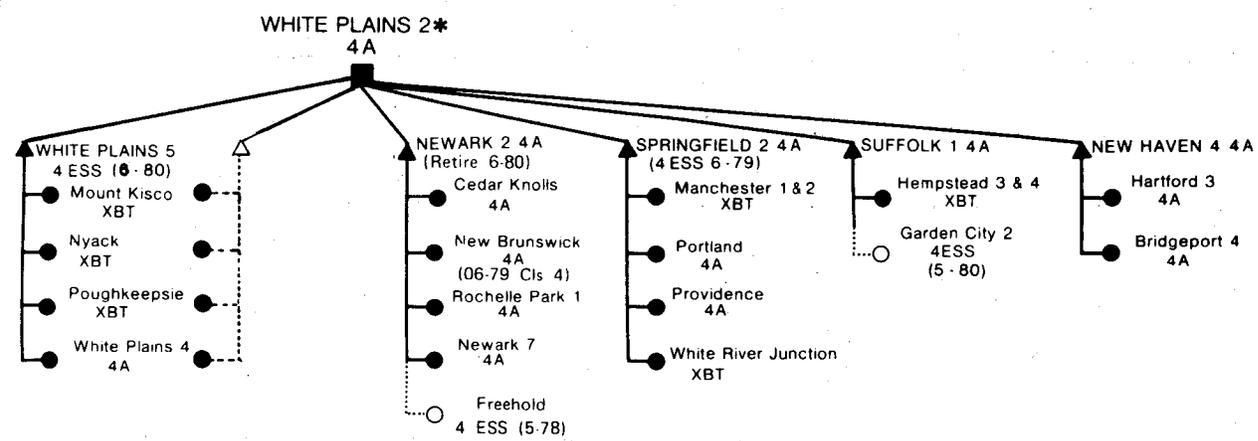
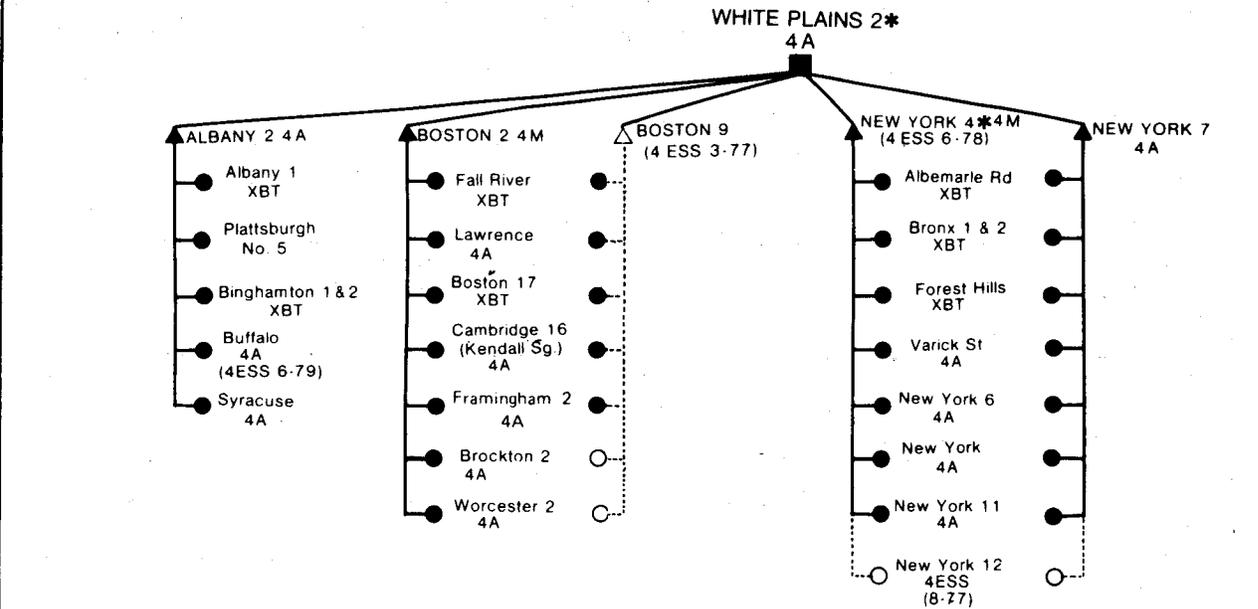
NEW 4A, XBT AND ESS TOLL OFFICES IN SERVICE 1976-1981\*\*

CO	LOCATION	CLLI	TYPE/ CLASS	FRMS	DATES		CAMA	ANI	PBC	REMARKS
					SHIP	SERVICE				
NON-BELL	Erie, Pa.	ERIEPAXH81T	ETS4/4		06/75	01/76				
	Montreal 3, Que.	MTRLPQ	SP1/4			03/76	X	X		
	St. Catharines, Ont.	STCTON1001T	SP1/4			03/76	X	X		Repl. SXS
	Avon Park, Fla.	AVPKFLXA03T	NB/4			05/76				
	Dothan, Ala.	DTHNALXA02T	EAX/4			06/76				
	Calgary, Alb.	CLGRAB0101T	SP1/2			06/76	X	X		Repl. SBT
	Toronto 4, Ont.	TOROON	SP1/4			02/77	X	X		
	London 2, Ont.	LONDON	SP1/3			03/77	X	X		Repl. XBT
	Quebec 2, Que.	QUBCPQ	SP1/2			03/77	X	X		Repl. XBT
	Santa Monica, Cal.	SNMNCAXP41T	ETS4/4			06/77				
	Winter Haven, Fla.	WNHNFLXA02T	4E/4		11/76	10/77	X			
	Ft. Myers, Fla.	FTMYFLXA03T	ETS4/4			09/78				
	Ontario, Cal.	ONTRCAXP91T	ETS4/3			11/78	X	X		
	York, Pa.	YORKPAXM89T	EAX/4			1978	X	X		Repl. SXS
Johnson City, Tn.	JHCYTNXC41T	ETS4/4			03/79	X	X		Repl. 3 SXS's	

\*\*Based on April, 1976 Construction Budget View

# Chart 11A

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS (Present & Future Arrangements Through 1981) (Based on April 1976 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING	CSP	FUTURE
■	REGIONAL CENTER (CLASS 1)	□
▲	SECTIONAL " (" 2)	△
●	PRIMARY " (" 3)	○

PLANNED DATE IS SHOWN IN ( )  
\*INTERNATIONAL SWITCHING CENTER

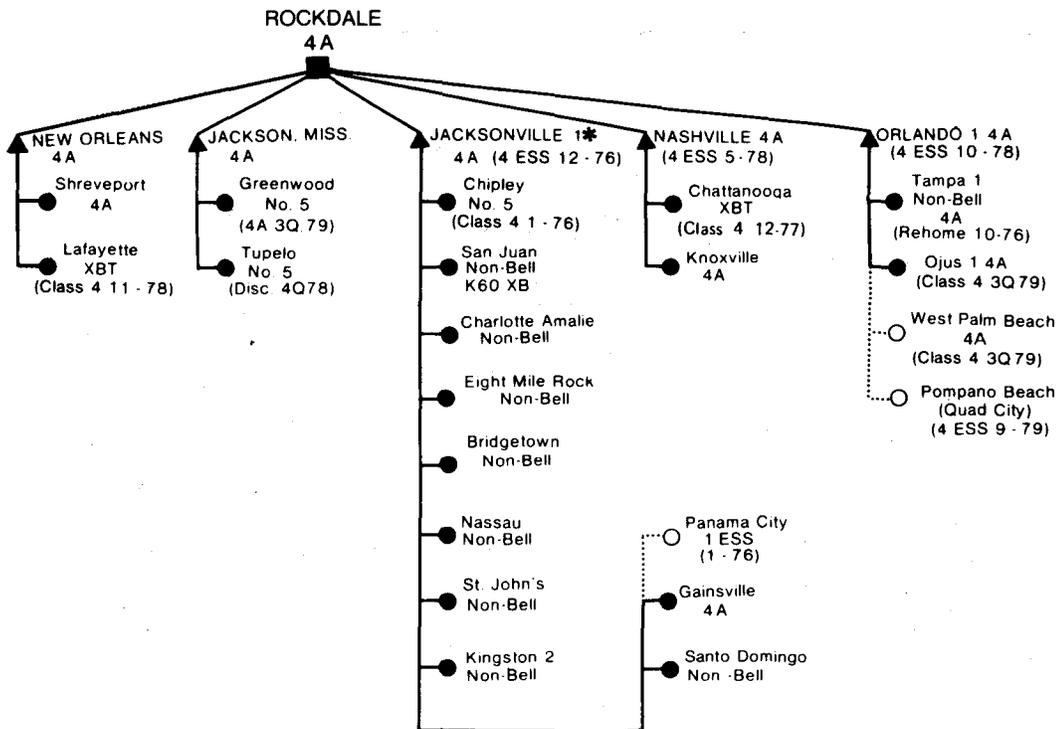
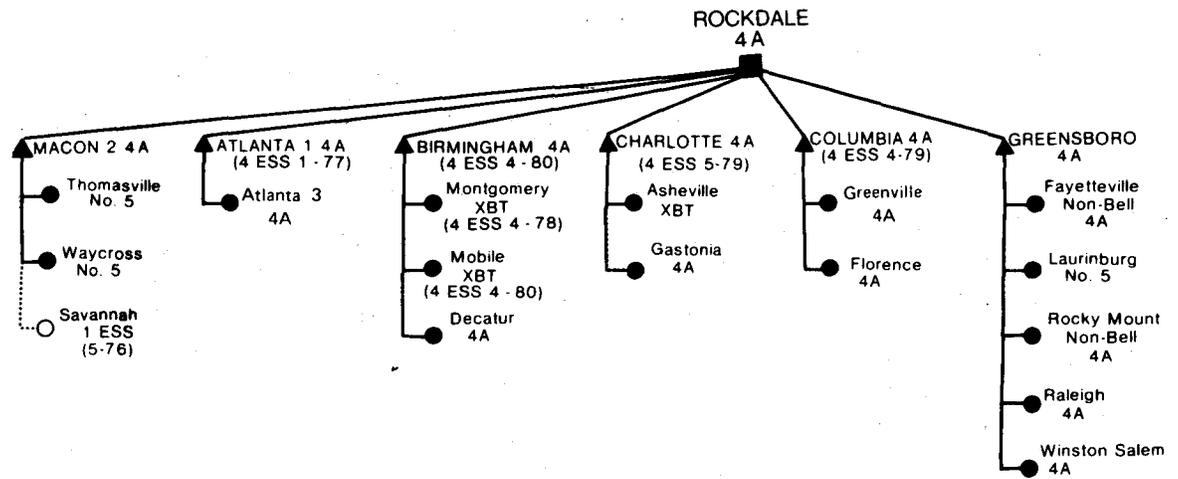
IN SERVICE 12-31-75 \_\_\_\_\_  
PLANNED BY END OF 1981 .....

**FINAL GROUP**



# Chart 11C

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS (Present & Future Arrangements Through 1981) (Based on April 1976 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING CSP FUTURE

■ REGIONAL CENTER (CLASS 1) □  
 ▲ SECTIONAL " (" 2) △  
 ● PRIMARY " (" 3) ○  
 ( ) PLANNED DATE IS SHOWN IN ( )  
 \* INTERNATIONAL SWITCHING CENTER

IN SERVICE 12-31-75 \_\_\_\_\_  
 PLANNED BY END OF 1981 \_\_\_\_\_

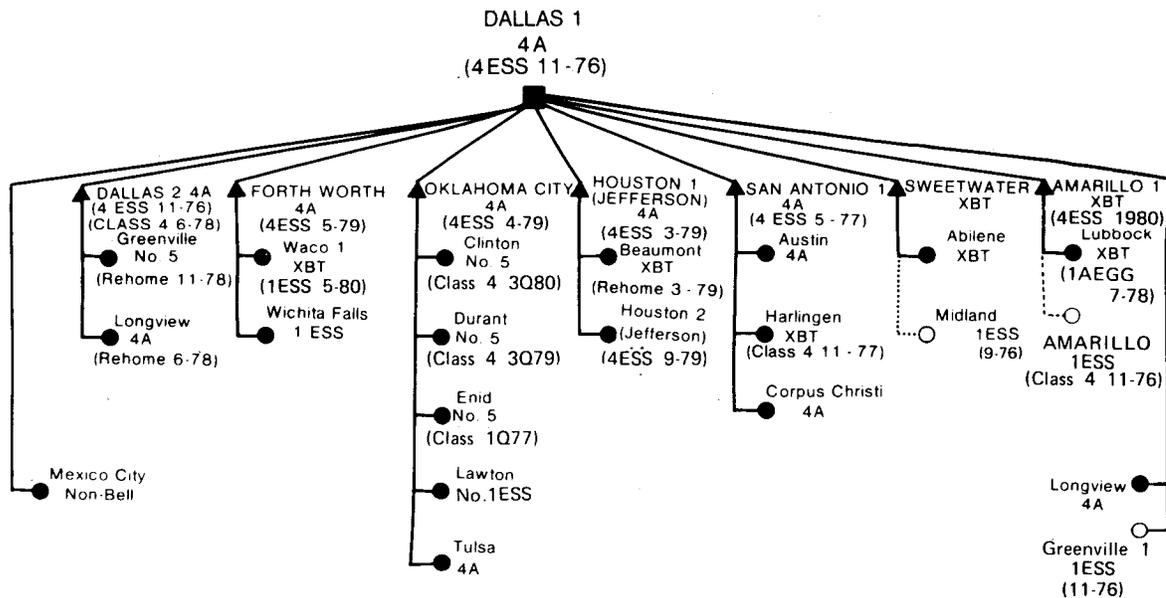
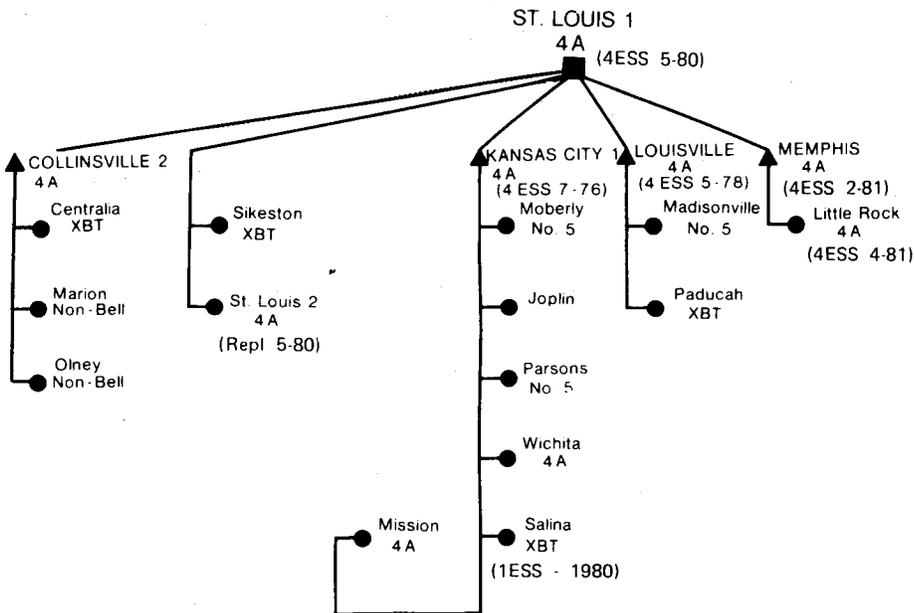
FINAL GROUP

# Chart 11D

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS

(Present & Future Arrangements Through 1981)

(Based on April 1976 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING CSP FUTURE

REGIONAL CENTER (CLASS 1)

SECTIONAL " (" 2)

PRIMARY " (" 3)

PLANNED DATE IS SHOWN IN ( )
   
 \*INTERNATIONAL SWITCHING CENTER

FINAL GROUP

IN SERVICE 12-31-75 \_\_\_\_\_

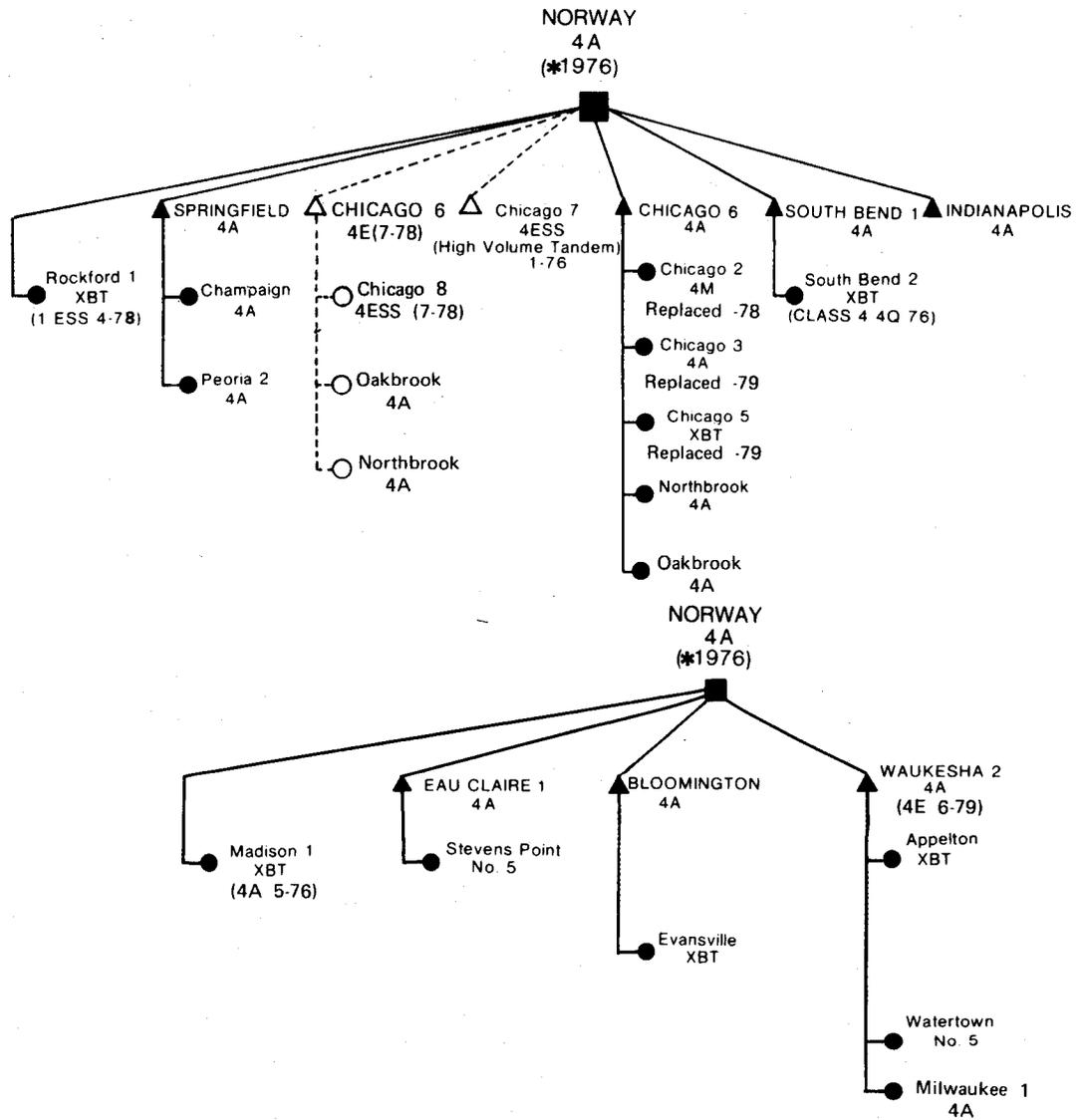
PLANNED BY END OF 1981 .....

# Chart 11E

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS

(Present & Future Arrangements Through 1981)

(Based on April 1976 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING	CSP	FUTURE
■	REGIONAL CENTER (CLASS 1)	□
▲	SECTIONAL " (" 2)	△
●	PRIMARY " (" 3)	○
PLANNED DATE IS SHOWN IN ( )		
*INTERNATIONAL SWITCHING CENTER		

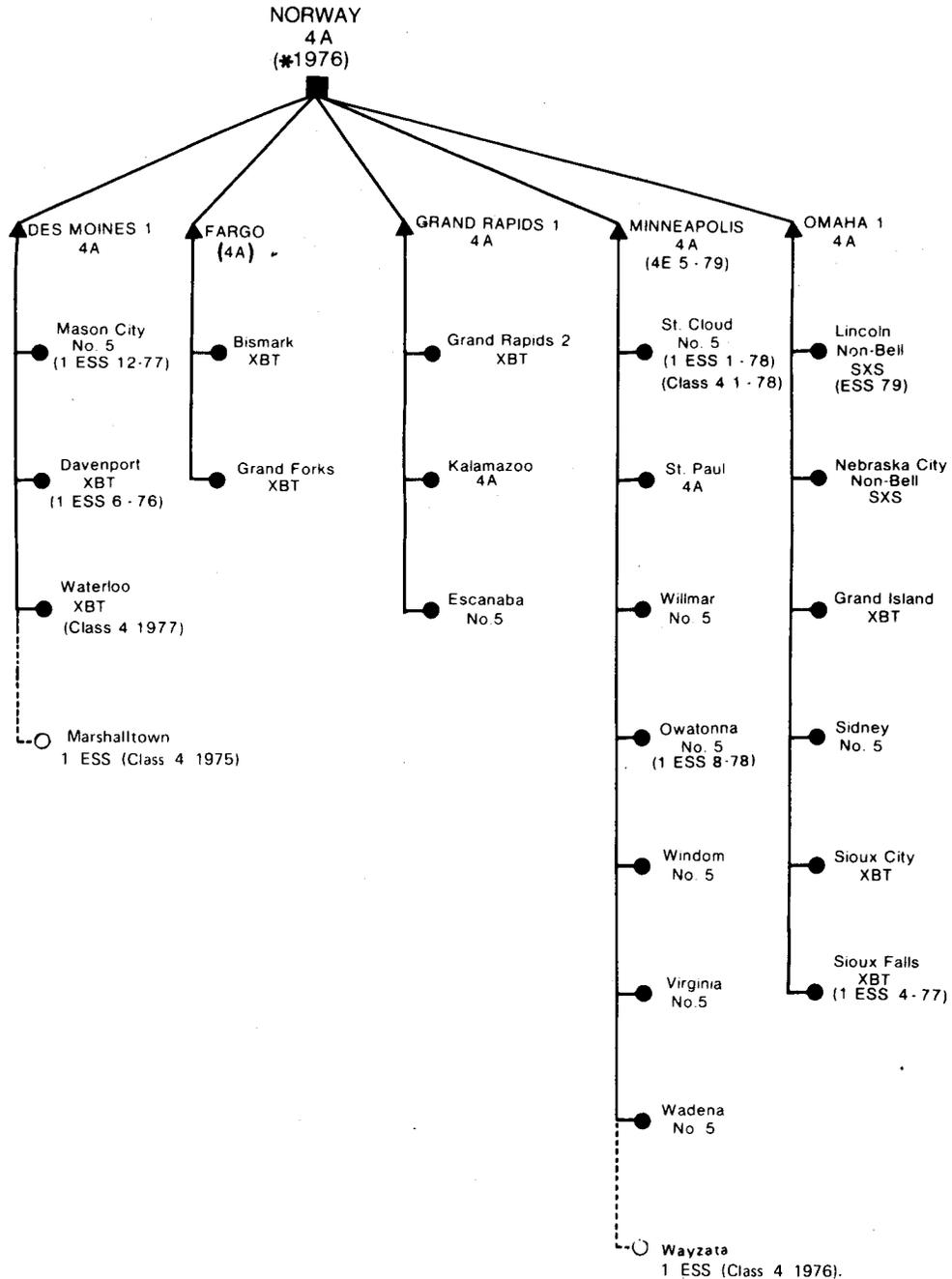
IN SERVICE 12-31-75 \_\_\_\_\_

PLANNED BY END OF 1981 .....

FINAL GROUP

# Chart 11F

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS (Present & Future Arrangements Through 1981) (Based on April 1976 Construction Budget View)



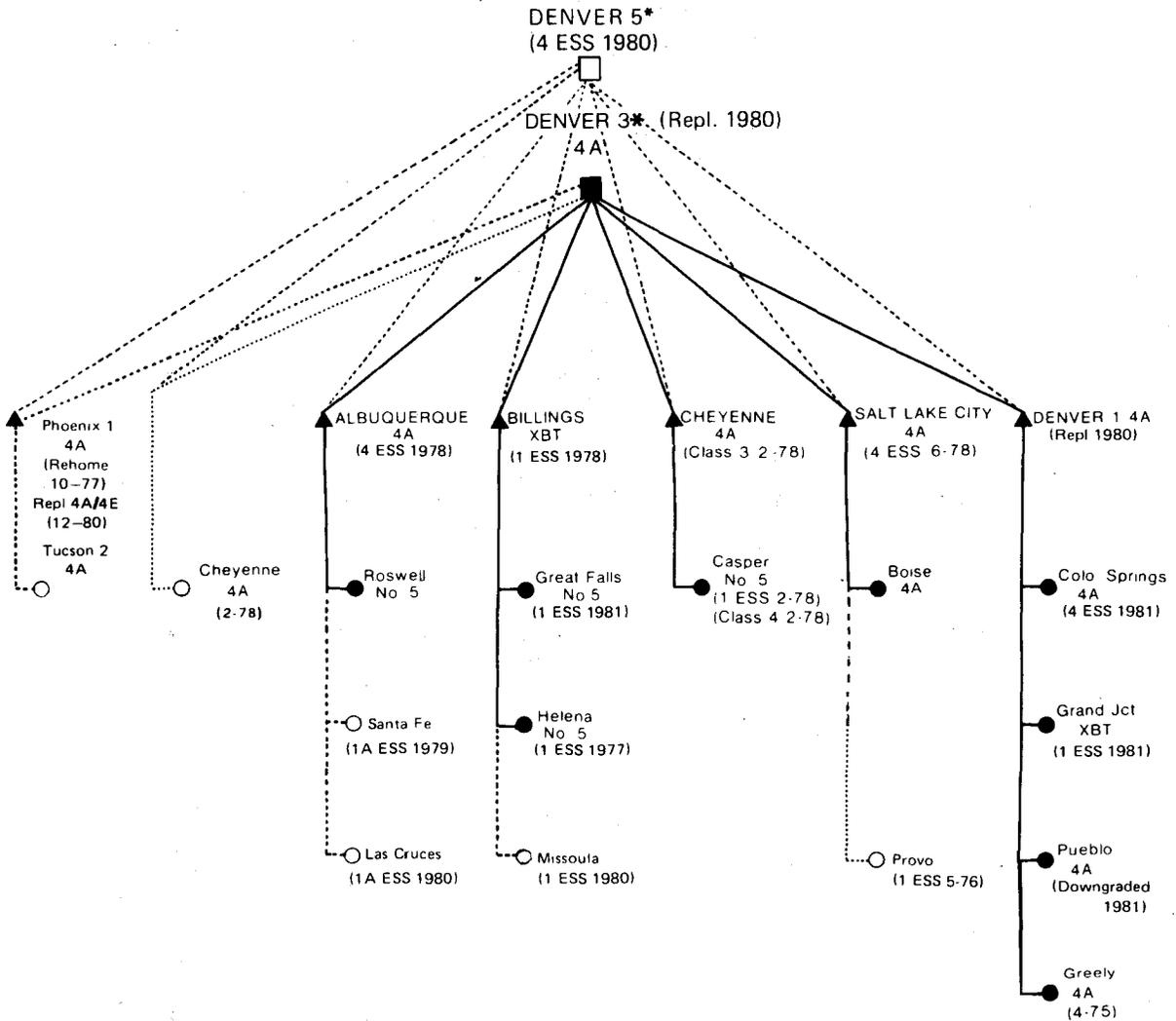
SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING	CSP	FUTURE
■	REGIONAL CENTER (CLASS 1)	□
▲	SECTIONAL " (" 2)	△
●	PRIMARY " (" 3)	○
PLANNED DATE IS SHOWN IN ( )		
*INTERNATIONAL SWITCHING CENTER		

FINAL GROUP  
IN SERVICE 12-31-75 \_\_\_\_\_  
PLANNED BY END OF 1981 .....

# Chart 11G

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS (Present & Future Arrangements Through 1981) (Based on April 1976 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING	CSP	FUTURE
■	REGIONAL CENTER (CLASS 1)	□
▲	SECTIONAL " (" 2)	△
●	PRIMARY " (" 3)	○
	PLANNED DATE IS SHOWN IN ( )	
	*INTERNATIONAL SWITCHING CENTER	

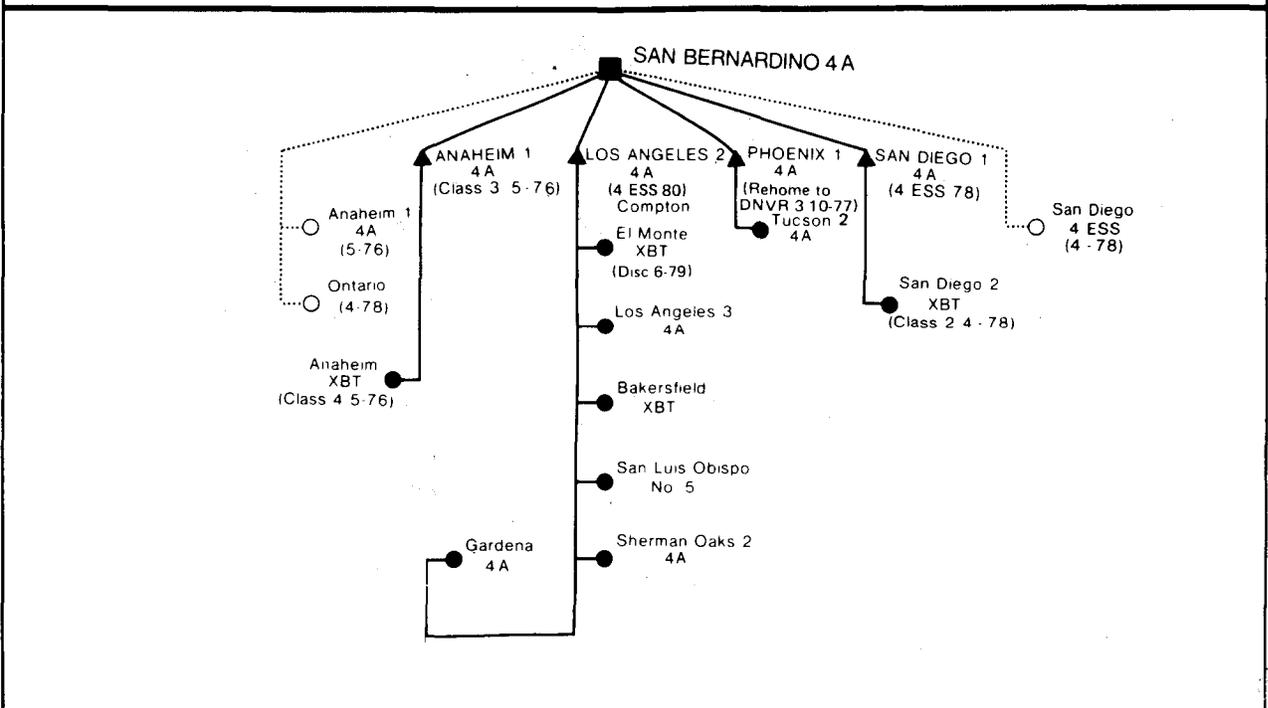
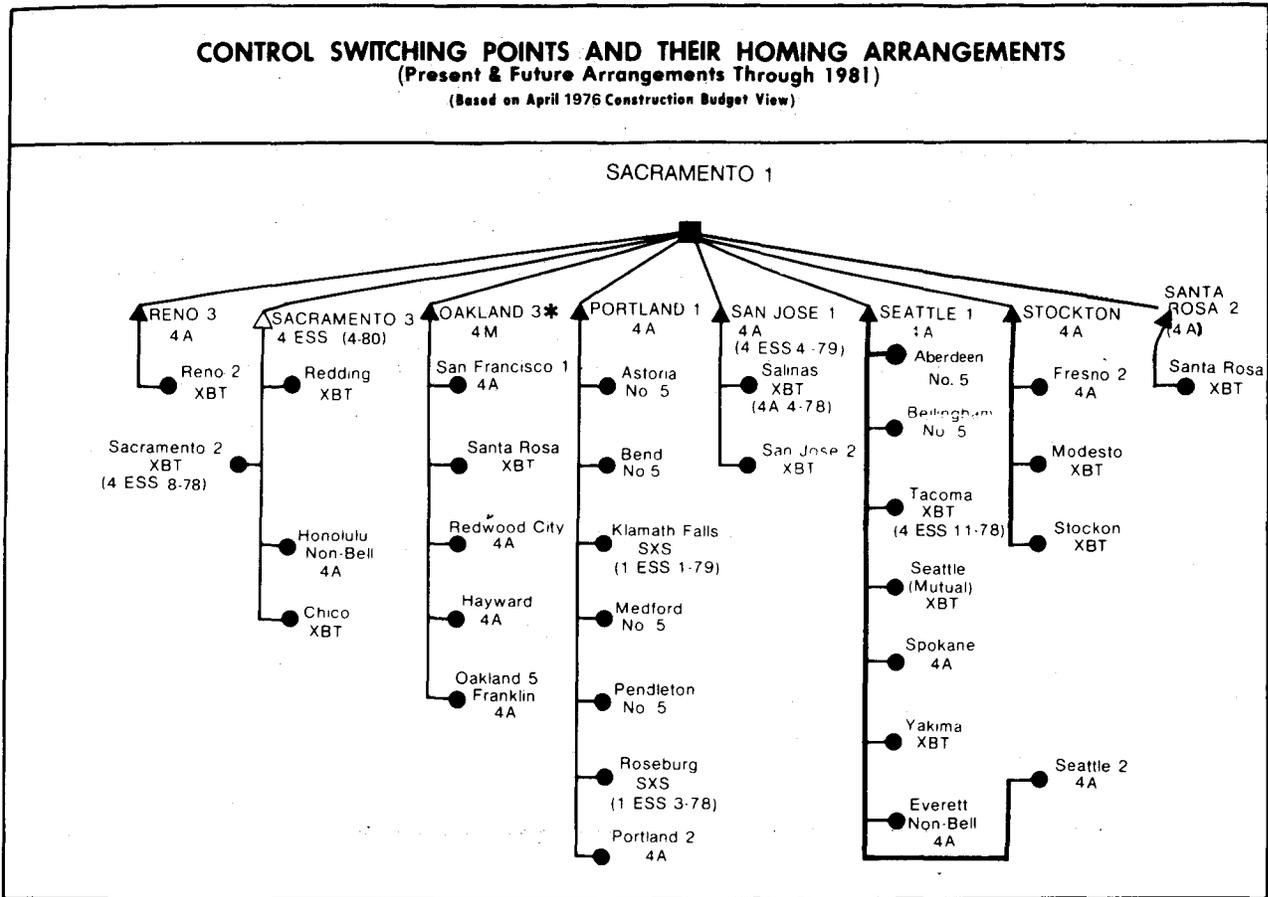
IN SERVICE 12-31-75 \_\_\_\_\_  
PLANNED BY END OF 1980 .....

FINAL GROUP

# Chart 11H

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS (Present & Future Arrangements Through 1981)

(Based on April 1976 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

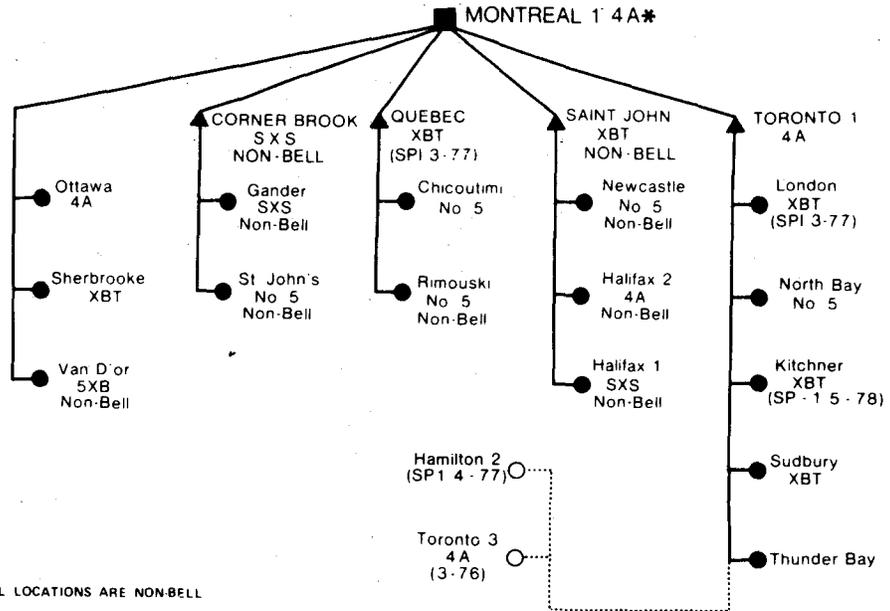
EXISTING	CSP	FUTURE
■	REGIONAL CENTER (CLASS 1)	□
▲	SECTIONAL " (" 2)	△
●	PRIMARY " (" 3)	○
PLANNED DATE IS SHOWN IN ( )		
*INTERNATIONAL SWITCHING CENTER		

IN SERVICE 12-31-75 \_\_\_\_\_  
 PLANNED BY END OF 1980.....

FINAL GROUP

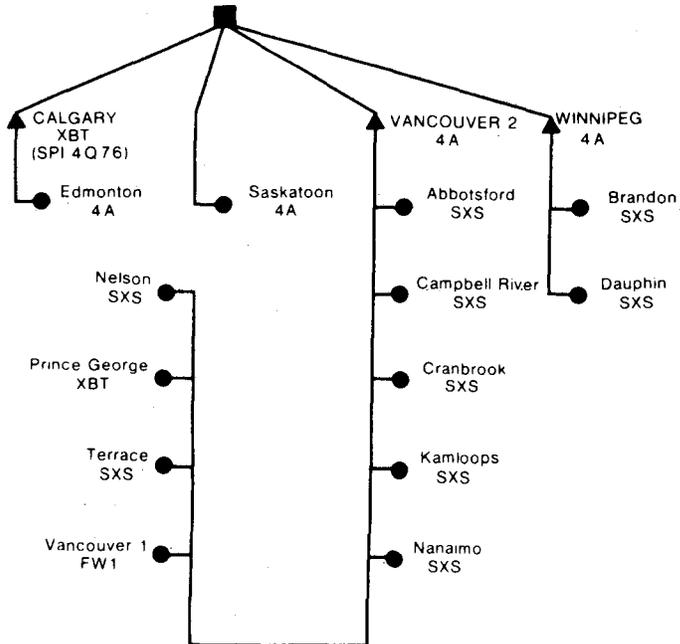
# Chart 111

## CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS (Present & Future Arrangements Through 1981) (Based on April 1976 Construction Budget View)



NOTE:  
ALL MONTREAL LOCATIONS ARE NON-BELL

### REGINA XBT (ELECTRONIC 1Q78)



NOTE:  
ALL REGINA LOCATIONS ARE NON-BELL

SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING	CSP	FUTURE
■	REGIONAL CENTER (CLASS 1)	□
▲	SECTIONAL " ( " 2)	△
●	PRIMARY " ( " 3)	○
	PLANNED DATE IS SHOWN IN ( )	
	*INTERNATIONAL SWITCHING CENTER	

IN SERVICE 12-31-75 \_\_\_\_\_  
PLANNED BY END OF 1980.....

# Chart 12

CCIS IMPLEMENTATION SCHEDULE 1977-1978						
REGION	LOCATION	TYPE CLASS	SERVICE DATE	STP	SO	REMARK
White Plains 2	Boston 9	4A/2	12/76	X		
	White Plains 2	4A/1	12/76	X		
	New York 12	4E/3	08/77		X	
	New Haven	4A/2	04/77		X	
	Hartford 3	4A/3	06/77		X	
	Providence	4A/3	05/77		X	
	Buffalo 1	4A/3	12/77			
Wayne	Wayne	4A/1	05/77	X		
	Richmond	4A/2	04/77	X		
	Fort Washington	4A/3	09/77		X	
	Washington 3	4A/2	08/77		X	
	Arlington 2	4A/3	08/77		X	
	Wayne 2	4E/3	09/77		X	
Pittsburgh	Detroit 1	4A/2	10/76	X		
	Columbus	4A/3	10/76	X		
	Plymouth	4A/3	05/77		X	
	Toledo	4A/3	04/77		X	
	Columbus	4E/3	04/77		X	
Rockdale	Atlanta 1	4A/2	08/76	X		
	Birmingham	4A/2	08/76	X		
	Jacksonville	4E/2	12/76		X	
	West Palm Beach	4E/3	06/80		X	
	Atlanta 4	4E/2	01/77		X	
	Jackson	4A/2	05/77		X	
	New Orleans	4A/2	05/77		X	
	Shreveport	4A/3	12/77		X	
	Ojus 3	4E/4	09/78		X	
	Macon	4A/2	10/78		X	
	Pensacola	4A/4	10/78		X	
St. Louis	St. Louis 1	4A/1	11/77	X		
	Kansas City	4A/2	11/77	X		
	Kansas City	4E/2	7/1976		X	

# Chart 12

CCIS IMPLEMENTATION SCHEDULE 1977-1978						
REGION	LOCATION	TYPE CLASS	SERVICE DATE	STP	SO	REMARK
Dallas	Dallas 1	4A/1	03/76	X		
	Oklahoma City	4A/2	03/76	X		
	Dallas	4E/1	12/76		X	
Norway	Indianapolis	4A/2	05/76	X	X	
	Omaha	4A/2	05/76	X		
	Chicago 7	4E/2	04/76		X	
	Chicago 8	4E/3	07/78		X	
	Madison	4A/3	05/76		X	
	Waukesha	4A/2	11/76		X	
	Grand Rapids	4A/2	08/77		X	
	Northbrook 2	4A/3	08/77		X	
	Oak Brook	4A/4	08/77		X	
	Springfield	4A/2	11/77		X	
	Norway 1	4A/1	04/77		X	
	Collinsville	4A/2	10/78		X	
	Champaign	4A/2	10/78		X	
	Peoria	4A/3	10/78		X	
Denver	Denver 3	4A/1	10/77		X	
	Albuquerque	4A/2	10/77		X	
Sacramento	Sacramento	4A/1	12/76	X		
	Oakland 3	4M/2	12/76	X		
	Sacramento 3	4E/2	10/77		X	
	Oakland 5	4A/3	04/77		X	
	Redwood City	4A/3	07/77		X	
	Seattle 2	4A/3	05/77		X	
	San Fran 1	4A/3	09/77		X	
	San Fran 2	4A/3	03/77		X	
San Bernardino	Los Angeles 2	4A/2	12/76	X		
	Anaheim 1	4A/2	12/76	X		
	Gardena 3	4A/4	03/77		X	
	Anaheim 2	4A/4	03/77		X	
	Gardena 1	4A/3	11/77		X	
	San Bernardino	4A/1	08/77		X	
	Sherman Oaks 3	4A/3	05/77		X	

# Chart 13

NUMBERING PLAN AREA PRINCIPAL CITIES END OF 1975					
AREA CODE	LOCATION	PRINCIPAL CITY MACHINE	AREA CODE	LOCATION	PRINCIPAL CITY MACHINE
201	New Jersey	Newark 2	601	Mississippi	*Jackson
202	Dist. of Col.	Washington 3	602	Arizona	Phoenix 1
203	Connecticut	New Haven 4	603	New Hampshire	Manchester
204	Manitoba	Winnipeg	604	British Columbia	Vancouver 2
205	Alabama	Birmingham	605	South Dakota	Sioux Falls
206	Washington	Seattle 1	606	Kentucky	*Cincinnati
207	Maine	Portland 2	607	New York	Binghamton
208	Idaho	*Salt Lake City, Utah	608	Wisconsin	Madison 1
209	California	Stockton 2	609	New Jersey	Camden 2
212	New York	New York 4 & 7	612	Minnesota	*Minneapolis
213	California	*Los Angeles 2	613	Ontario	Ottawa 2
214	Texas	Dallas 1	614	Ohio	Columbus
215	Pennsylvania	Wayne	615	Tennessee	Nashville
216	Ohio	Cleveland 2	616	Michigan	*Grand Rapids 1
217	Illinois	Springfield	617	Massachusetts	Boston 2 & 9
218	Minnesota	*Minneapolis	618	Illinois	Collinsville
219	Indiana	South Bend 1	701	North Dakota	Fargo
301	Maryland	Baltimore 2	702	Nevada	Reno 3
302	Delaware	Wilmington	703	Virginia	*Richmond
303	Colorado	Denver 1	704	North Carolina	Charlotte
304	West Virginia	Charleston	705	Ontario	*Toronto 1
305	Florida	*Orlando	707	California	Santa Rosa
306	Saskatchewan	Regina	709	Newfoundland	*Montreal 1, Quebec
307	Wyoming	Cheyenne	712	Iowa	*Omaha, Nebraska
308	Nebraska	*Omaha	713	Texas	Houston 1
309	Illinois	Peoria 2	714	California	*San Bernardino
312	Illinois	Chicago 6	715	Wisconsin	Eau Claire 1
313	Michigan	*Detroit 1	716	New York	Buffalo
314	Missouri	St. Louis 1	717	Pennsylvania	Harrisburg
315	New York	Syracuse	801	Utah	*Salt Lake City
316	Kansas	Wichita	802	Vermont	White River Jct.
317	Indiana	*Indianapolis	803	South Carolina	Columbia
318	Louisiana	*Jackson, Mississippi	804	Virginia	*Richmond
319	Iowa	*Des Moines	805	California	*Los Angeles 2
401	Rhode Island	Providence 4	806	Texas	Amarillo
402	Nebraska	*Omaha	807	Ontario	Thunder Bay
403	Alberta	Calgary	808	Hawaii	Honolulu
404	Georgia	Atlanta 1	809	Virgin Island	*Jacksonville, Florida
405	Oklahoma	Oklahoma City		Puerto Rico	
406	Montana	Billings	812	Indiana	*Indianapolis
408	California	San Jose 1	813	Florida	*Orlando
412	Pennsylvania	*Pittsburgh 1	814	Pennsylvania	*Pittsburgh 1
413	Massachusetts	Springfield 2	815	Illinois	Norway
414	Wisconsin	Waukesha 2	816	Missouri	*Kansas City
415	California	Oakland 3	817	Texas	Fort Worth
416	Ontario	*Toronto 1	819	Quebec	*Montreal 1
417	Missouri	Joplin	901	Tennessee	Memphis
418	Quebec	Quebec	902	Nova Scotia and Prince Edward Island	Halifax 1
419	Ohio	Toledo			
501	Arkansas	Little Rock	903	Mexico	*San Bernardino, Calif.
502	Kentucky	Louisville	904	Florida	*Jacksonville
503	Oregon	Portland 1	905	Mexico	Mexico City
504	Louisiana	New Orleans 1	906	Michigan	*Grand Rapids 1
505	New Mexico	Albuquerque	907	Alaska	*Seattle 1, Washington
506	New Brunswick	St. John	912	Georgia	Rockdale
507	Minnesota	*Minneapolis	913	Kansas	Mission, Kansas
509	Washington	Spokane	914	New York	White Plains 2
512	Texas	San Antonio	915	Texas	Sweetwater
513	Ohio	*Cincinnati	916	California	Sacramento 1
514	Quebec	*Montreal 1	918	Oklahoma	Tulsa
515	Iowa	*Des Moines	919	North Carolina	Greensboro
516	New York	Suffolk			
517	Michigan	*Detroit 1			
518	New York	Albany 2			
519	Ontario	*Toronto 1			

\*Principal City for more than one NPA.

# Chart 14

TRAFFIC SERVICE POSITIONS SYSTEM NO. 1  
IN SERVICE - END OF 1975

CO.	LOCATION	CLLI	SERVICE DATE	CO.	LOCATION	CLLI	SERVICE DATE
NE	Framingham, Mass. Boston (Branklin St.) Lawrence, Mass.	FRMNMAUN1EB BSTNMAFR1EB LWRNMACA1EB	06-70 04-72 09-75	MICH	Plymouth Pontiac	PLMOMIFA1UD PNTCMIMN1UD	06-71 03-75
NY	Albany (State) Dix Hills (Suffolk 1) Varick St. (NYC1) 811 Tenth Ave. (NYC2) White Plains 4 Syracuse	ALBNYNYSS1UD HNTNNYSU01T NYCMNYVS1UD NYCMNY5405T WHPLNYWP03T SYRCNYV04T	01-71 05-71 11-72 10-73 01-74 08-75	IND	Bloomington South Bend	BLTNINO11EB	08-70 12-73
NJ	Morristown Rochelle Park 1 New Brunswick Camden Newark Hamilton Sq.	MRTWNJCE1UD RCPKNJR02UD NBNKNJNB1UD CMDNNJCE1UD NWRKNJ021UD	01-69 06-70 06-71 04-72 04-75	WISC	Waukesha	WKSHWI021UD	11-73
PA	Philadelphia Pittsburgh, Pa. Wilmington, Del. Fort Washington Harrisburg, Pa.	PHLAPAMK1UD PITBPADG1UD WLMGDEW1UD FTWSPAFW1UD HREGPAHA1UD	10-70 12-71 10-71 07-74 11-75	ILL	Chicago (Canal), Ill. Chicago (Wabash), Ill. Oakbrook, Ill. Northbrook, Ill.	CHCGILCL1UD CHCGILWB2UD OKBRILOA3UD NBRKICNT4UD	10-71 12-73 10-74 10-75
C&P	Washington, D.C. Norfolk-Bute, Va. Richmond (Grace St.) Baltimore, Md. Arlington, Va.	WASHDCDT1UD NRFLVA011EB RCMDVAGR1UD BLTMMDCH1UD ARTNVACK1UD	05-70 09-72 09-73 03-74 01-75	NW	Minneapolis, Minn. Sioux Falls, S.D. St. Paul, Minn. Omaha, Neb.	MPLSMNDT1UD SXFLSDCO1EB STPLMNMK1UD	03-72 11-71 06-72 03-75
SO	Miami 2, Fla. Jacksonville, Fla. Charlestown, S.C. Rockdale, Ga. Raleigh, N.C. Charlotte, N.C. Ft. Lauderdale, Fla. Orlando, Fla. Pensacola, Fla. Atlanta, NW, Ga. Ojus 1, Fla. Greensboro, N.C. Atlanta, 511VY, Ga. Ojus 1, Fla. Columbus, S.C. West Palm Beach, Fla. Columbus, Ga. Macon, Ga.	MIAMFLT1UD JCVLFLCL1UD CHTNSCDT1UD RCDKGATL1UD RLGHNCM01UD CHRLNCCA1UD FTLDFLMA1UD ORLDFLMAT58 PNSCFLBL1UD ATLNGANW1UD OJUSFLT1UD GNBONCEU1UD ATLNGATL1UD OJUSFTL2UD CLMASCTL1UD WPBHFLAN1UD CLMBGAMT1UD MACNGAMT1UD	09-69 12-70 04-71 04-71 08-71 11-71 11-71 08-72 05-73 05-73 01-74 05-74 08-74 09-74 09-75 04-75 12-71	SW	Houston 1 (Jefferson)Tex. Dallas 1, Tex. Fort Worth 1, Tex. Kansas City, Mo. San Antonio 1, Tex. St. Louis, Mo. Oklahoma City, Okla. Dallas 2, Tex. Houston 2(Jefferson)Tex. Longview, Tex. Tulsa, Oklahoma Dallas 3, Tex. Wichita Falls, Tex. Little Rock, Ark. Austin, Tex. Corpus Christi, Tex.	HSTNTXO11UD DLLSTX1UD FTWOTXEDB1T KSCYMOO91EB SNANTXCA1UD STLSMOO91CB OKLAOKCE1UD DLLSTXTL3UD HSTNTXO12UD TULSOKT51UD	03-70 04-70 01-71 09-71 05-71 08-71 09-71 11-71 12-72 04-73 12-73 03-74 10-74 06-74 10-74 10-75
SC	Memphis, Tenn. New Orleans, La. Nashville, Tenn. Jackson, Miss. Chattanooga, Tenn. Birmingham, Ala. Louisville, Ky. Knoxville, Tenn. Shreveport, La.	MMPHTNMA1EB NWORLAMA1UD NSULTNMT1EB JCSNMSPS1UB CHTGTNMA1EB BRHMALMT1UB LSVLKYCS1EB KNVLTNMA1EB SHPTLATL1EB	06-70 10-70 04-71 04-72 07-72 06-72 04-73 05-74	MTN	Denver, Colo. Colorado Springs, Colo.	DNVRCOMA1EB CLSPCOMA1EB	05-71 06-72
OHIO	Cleveland Columbus Dayton Youngstown Akron Toledo	CLEVOH621UD CLMBOH111EB DYTNOH221EB YNTWOHO11UB AKRNOH251UB TOLDOH211UD	03-71 06-71 02-72 09-72 11-73 06-74	PNB	Portland, Ore. Seattle 1, Wash.	PTLDOR621UD STTLWASP1UD	07-71 09-71
				PAC	San Francisco 1, Cal. Redwood City, Cal. Los Angeles 1, Cal. Oakland-Franklin 3, Cal. Anaheim 1, Cal. San Diego, Cal. Sherman Oaks 2, Cal. Sherman Oaks 3, Cal.	SNFCCAO141T RDCYCAO242T LSANCAO31UD OKLDCAO341T ANHMCAO1D30 ANHMCAO1D30 SHOKCAO29UD SHOKCAO38UD	03-72 03-72 04-72 07-72 06-72 06-73 07-73 10-74
				SNE	Bridgeport Norwalk New Haven #2 Hartford #3	BRPTCTO21EB NRWLCTO21EB NWHNCTO21EB HRFRCTO31EB	01-71 06-71 07-72 09-74
				CINN	Cincinnati	CNCNOWHS1EB	11-70

NEW TRAFFIC SERVICE POSITIONS SYSTEM NO. 1  
 IN SERVICE - 1976-1981  
 (BASED ON APRIL 1976 CONSTRUCTION BUDGET VIEW)

CO.	LOCATION	φ	SHIP DATE	SERVICE DATE	CO.	LOCATION	φ	SHIP DATE	SERVICE DATE
NE	Brockton, Mass.	5	04/75	04/76	SO	Savannah, Ga.	6	05/75	02/76
	Providence, R.I.	6	11/75	09/76		Daytona Beach, Fla.	5	05/75	09/76
	Portland, Me.	7	05/76	04/77		Greenville, S.C.	7	02/77	01/78
	Worcester, Mass.	7	05/76	09/77					
NY	Buffalo	7	07/78	05/79	SOCN	Baton Rouge, La.	6	04/76	03/77
	Williamsburg	8	11/77	10/78		Montgomery, Ala.	8	12/76	04/78
	Broadway	8	09/79	09/80	WISC	Madison	5	06/75	05/76
	Mid-Nassau	8	02/78	02/79					
PA	Scranton	8	03/78	05/79	ILL	Peoria Jefferson	7.2	11/76	11/77
	Altoona	7	02/77	12/77		Collinsville	8.1	11/77	11/78
C&P	Baltimore 2, Md.	8	03/79	04/80					
MICH	Saginaw	6	10-76	01/77					
	Detroit	5	12/74	03/76					
IND	Indianapolis	6	12/75	11/76					

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Chart 15

NEW TRAFFIC SERVICE POSITIONS SYSTEM NO. 1  
 IN SERVICE — 1976-1981  
 (BASED ON APRIL 1976 CONSTRUCTION BUDGET VIEW)

CO.	LOCATION	φ	SHIP DATE	SERVICE DATE	CO.	LOCATION	φ	SHIP DATE	SERVICE DATE
NW	Grand Island, Neb.	7	04/78	01/79					
	Des Moines, Ia.	7	10/76	07/77					
	Fargo, N.D.	5	4Q-79	2Q-80					
SW	Wichita, Kan	7	02/76	04/77					
	Houston 3 (Wesleyan) Tex.	7	01/77	12/77					
	Topeka, Kan.		04/77	11/78					
	Midland, Tex.	5	09/76	03/77					
	Kansas City, Kan.	7	04/77	04/78					
	St. Louis 2, Mo.	7	04/78	03/79					
MTN	Albuquerque	5	08/75	05/76					
	Phoenix		06/76	12/77					
	Tucson, Ariz.	8	07/78	08/79					
	Salt Lake City, Utah	6	12/75	11/76					
PAC	San Jose, Cal.		01/78	02/79					
	Gardena, Cal.	8	05/77	04/78					
	Sacramento, Cal.	7	12/77	02/79					
	San Diego 2, Cal.	8	05/79	04/80					
	Fresno, Cal.	8	08/78	06/79					

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Chart 15

φ Generic

DISTANCE DIALING COORDINATORS AS OF APRIL 1, 1976

CO.	AREA	LOCATION	COORDINATOR	TEL. NO.	CO.	AREA	LOCATION	COORDINATOR	TEL. NO.
NE	Staff Mass. No. States Rhode Island	Boston Framingham Manchester Providence	J.F. Beer R.F. Lipman T.J. Twomey P.A. Lund	617-743-4835 617-879-9279 603-645-3431 401-525-2068	NW	Staff Minnesota Iowa Nebraska So. Dakota No. Dakota	Omaha Minneapolis Des Moines Omaha Sioux Falls Fargo	G.H. Sanders E.O. Bernard D.L. Heidt F.D. Fleck H.M. Scott L.J. Smith	402-422-2274 612-344-6118 515-281-6066 402-422-3863 605-339-5956 701-235-3461
NY	Staff Network Operations	New York New York	A.B. Bortz R. Turker	212-394-1248 212-370-2810	SW	Staff Arkansas Kansas Kansas City St. Louis Oklahoma Dallas Houston San Antonio	St. Louis Little Rock Topeka Kansas City St. Louis Oklahoma City Dallas Houston San Antonio	C.H. Strandberg J. Zanoff H.L. Thompson W.M. Schmit F.F. Stieffermann F.W. Kamp K.D. McBee V.P. Bearden J.L. Zumwalt	314-247-3804 501-371-5703 913-357-2811 816-275-8510 314-247-4469 406-236-7258 214-745-3836 713-521-8975 512-222-3909
NJ	Staff	E. Orange	H. Wolfe	201-672-7190	MTN	Staff Arizona El Paso Colorado Idaho Montana New Mexico Utah Wyoming	Denver Phoenix El Paso Denver Boise Helena Albuquerque Salt Lake City Cheyenne	F.E. Marick D.D. Jorgensen D.H. Becker J.A. Stinson L.L. Dieter L.C. Stetzler E.B. Ledbetter S.M. Carlson June Kepp	303-624-4516 602-263-1976 915-543-4455 303-624-7657 208-385-2371 406-449-3230 505-765-7454 801-524-6428 307-634-2580
PA	Staff Eastern & Delaware Central Western	Philadelphia Philadelphia Harrisburg Pittsburgh	L.C. Franks H.A. Fischer A.H. Peters R.S. Stoker	215-466-2386 215-466-4377 717-255-4582 412-633-4783	PNP	Staff Wash-Idaho Oregon	Seattle Seattle Portland	G.D. Frampton R.P. Kersten P.V. Perletti	206-345-4060 206-345-3700 503-226-5560
C&P	Staff Washington Maryland Virginia W. Virginia	Washington Washington Baltimore Richmond Charleston	M.E. Ricketts M.J. Dumas E.M. Fields S.E. Craddock R.A. Taylor	202-392-5556 202-392-3111 301-393-3336 804-772-5791 304-344-6572	PAC	Staff Northern Sector Southern Sector Bay Los Angeles Nevada	San Francisco Sacramento San Diego San Jose Alhambra Reno	M.J. Polosky H.C. Jessen W.D. Hess C.C. Inserra, Jr. W.R. Gowan H.W. Proctor	415-542-3164 916-482-3268 714-238-2271 408-291-2947 213-576-6066 702-789-6582
SO	Hq. Staff So. Staff No. Florida So. Florida S.E. Florida Georgia-Metro Georgia-Outstate No. Carolina So. Carolina	Atlanta Miami Jacksonville Miami Ft. Lauderdale Atlanta Atlanta Charlotte Columbia	C. Perkins, Jr. G.D. Boggs R.W. Williams H.N. Investor R.B. Vogel R.W. Gunnin G.M. Stone G.K. Robinson W.A. Humphries	404-529-8557 305-263-2941 904-353-2576 305-263-2342 305-776-3506 404-391-2557 404-391-2559 704-377-8726 803-254-8449	LL	Staff NE-NJ Conn. NE-New Eng., NY NY Central Southern Midwestern Eastern-PA. Eastern-C&P Western	New York White Plains White Plains City Chicago Atlanta Kansas City Washington, D.C. Washington, D.C. San Francisco	A.C. Soldavini E.E. Estby G.H. Schiller R.W. Hoffman J.W. Duncan C.N. Weaver H.W. Townsend J.M. Hogan J.L. Torbert F.J. Curran	212-393-6894 914-320-2263 914-320-2295 212-334-4185 312-885-8500 404-529-5228 816-391-2423 202-457-2250 202-457-2030 415-442-2226
SOCN	Staff Alabama Kentucky Louisiana-NW Mississippi Tennessee	Birmingham Birmingham Louisville New Orleans Jackson Nashville	H.D. Adamson J.A. LeCroy A.P. Crump E.M. Fee G.L. Robertson V.E. Matthews	205-321-8580 205-877-5612 502-582-8719 504-831-4477 601-948-3514 615-298-7470	SNE	—	New Haven	H.J. Beaudin	203-771-6569
OHIO	Northeast Southwest	Cleveland Columbus	J.L. Draheim T.G. Andrian	216-822-7679 614-460-7542	CINN	—	Cincinnati	R. Kidd	513-397-4151
MICH	Metro No. & So.	Southfield Southfield	J.A. McGill G.W. Treusch	313-424-0075 313-424-0061	CAN	Ntwk.Opns.- West Ntwk.Opns.- East Trans-Canada	Toronto Montreal Ottawa	J.H. Carson L. Fontaine J.H.W. deLauney	416-361-4510 614-870-7389 613-239-2916
IND	—	Indianapolis	V.C. Klinger	317-265-3818					
WISC	—	Milwaukee	P.B. Cramton	414-678-2164					
ILL	Headquarters	Chicago	E.C. Alexander	312-727-5568					

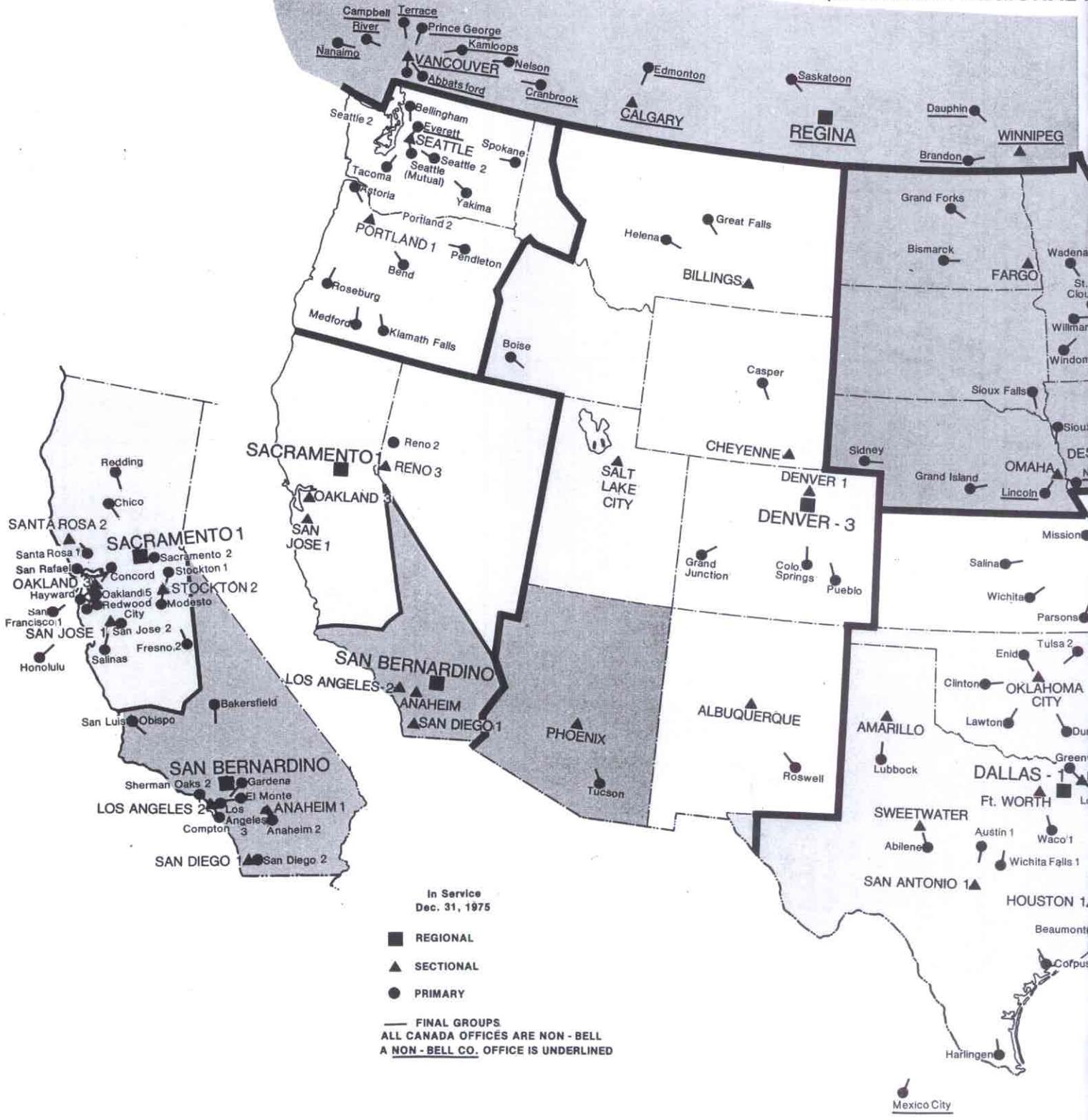
IDDD INDEPARTMENTAL COORDINATORS - AS OF JULY 1, 1975

CO.	COORDINATOR	TEL. NO.	REMARKS	CO.	COORDINATOR	TEL. NO.	REMARKS
NE	J. C. Quinn	617-743-4475		PNB	J. G. Kent	206-345-6933	
NY	W. R. McCarthy	212-395-6651	Overall Coordinator	PAC	C. F. Peissner	415-399-5965	
NJ	R. C. Harrison	201-649-3292		L.L.	R. G. Hattauer	914-320-4253	Northeastern Area
PA	R. Smith	215-466-4096	Overall Co. & Engrg.		J. J. McMaster	212-393-7223	New York City Area
	M. Saunders	215-466-3000	Operations		T. B. Washburn	202-466-3294	Eastern Area
C&P	J. C. Hollowell	202-392-8941	Overall Coordinator		R. N. Stein	904-353-3713	Southern Area
	E. E. Goodrich	202-392-2231	Washington		A. J. Curran	312-855-8775	Central Area
	D. C. Michaelis, Jr.	301-393-2881	Maryland		N. S. Brown	816-391-2465	Midwestern Area
	W. D. Cauley	804-772-5791	Virginia	SNE	T. O. Oulundsen	203-771-3324	Western Area
	W. C. Hogue	304-344-7686	West Virginia	CINN	W. L. Reeves	513-397-2231	
SO	W. S. Campbell	404-529-8032	IOTC	CAN	W. H. Snuggs	613-230-4468	IOTC
	P. E. Eddings	404-529-8411	IDDD		J. Troughton	613-230-2983	IDDD
SOCN	G. C. Newcomer	205-321-8529	Overall Coordinator	AT&T	R. J. Cooper	212-393-3849	Engineering Matters
	R. T. Mason	205-321-8494	Traffic Matters		N. K. Wickham	212-393-4506	Traffic Matters
OHIO	R. A. Wilson	216-822-2863			E. L. Bower	212-393-2139	Commercial Matters
MICH	K. Killoran	313-424-0571			C. R. Crump	212-393-2458	Plant Matters
IND	R. C. Harold	317-630-2255			R. I. MacGregor	212-393-2832	Comptrollers Matters
WISC	J. H. Swabe	414-393-2286			D. M. Sullivan	212-393-8413	Public Relations Matters
ILL	E. C. Alexander	312-727-1568					
NW	H. E. Schory	402-422-3549					
SW	T. R. Hanske	314-247-4654					
MTN	I. F. Gooch	303-624-8687					

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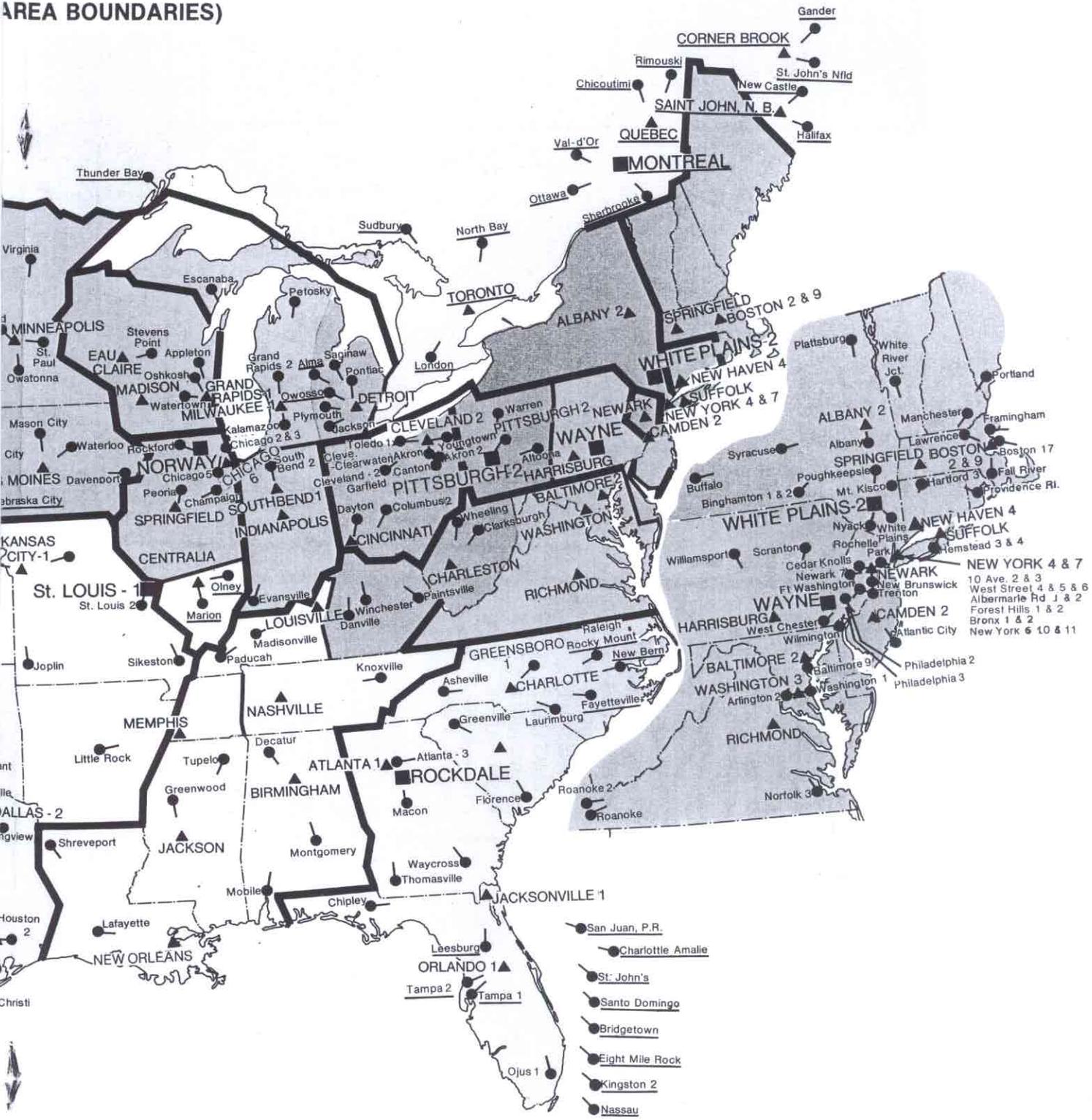
Chart 17

# DISTANCE DIALING NETWORK (INCLUDING REGIONAL)

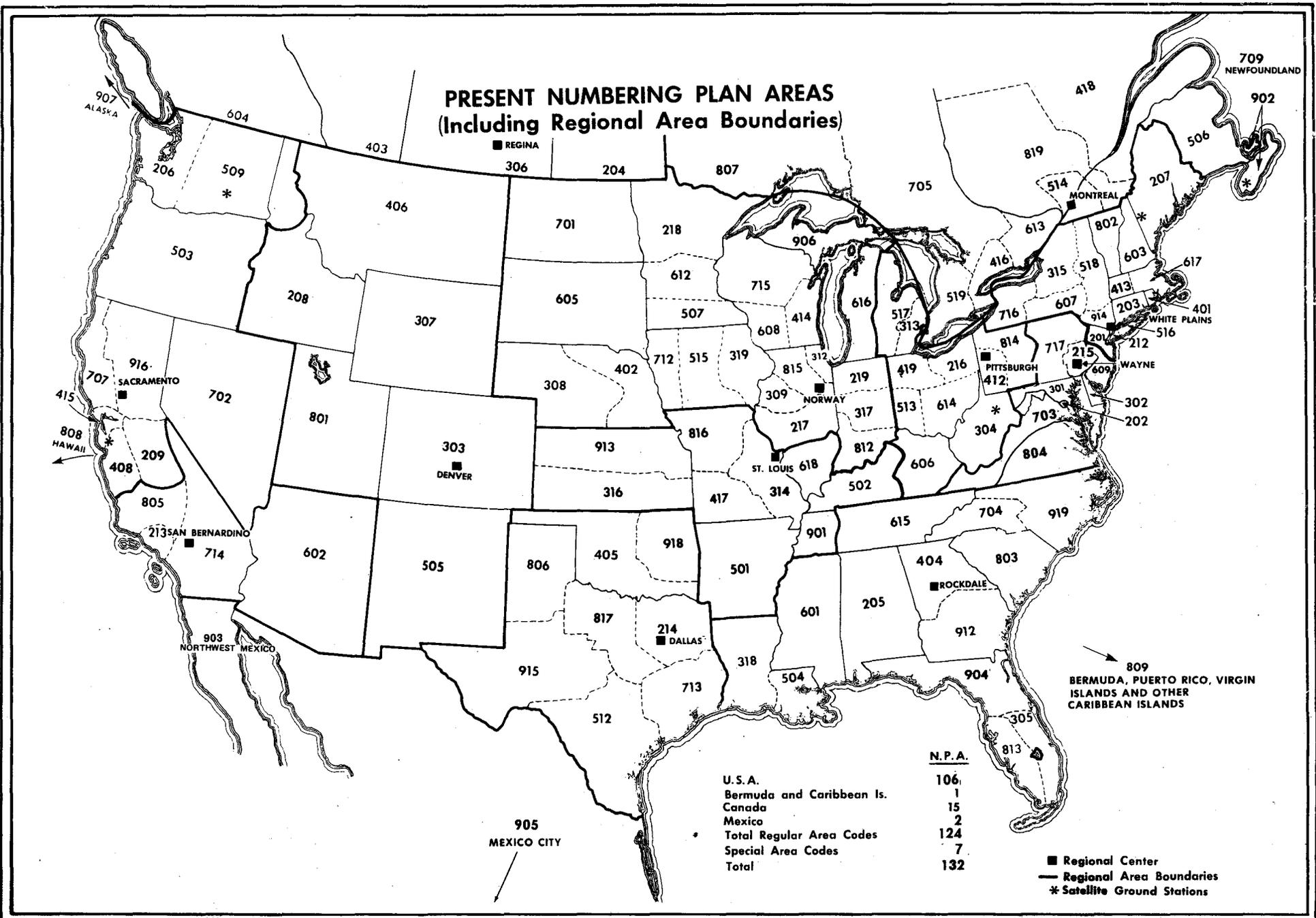


# WORK - END OF 1975

(AREA BOUNDARIES)



# PRESENT NUMBERING PLAN AREAS (Including Regional Area Boundaries)



N.P.A.	
U.S.A.	106
Bermuda and Caribbean Is.	1
Canada	15
Mexico	2
Total Regular Area Codes	124
Special Area Codes	7
<b>Total</b>	<b>132</b>

■ Regional Center  
 — Regional Area Boundaries  
 \* Satellite Ground Stations