

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G10.330.1
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AT&T Co Standard

SYMBOLS AND ABBREVIATIONS
GENERAL

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1. GENERAL

1.01 This section, together with Sections G10.330.2 through G10.330.6 replaces Section G10.330, Issue 1 and Addendum G10.330, Issue 2.

1.02 The symbols and abbreviations included in this section, and succeeding sections through G10.330.6 are for the purpose of indicating the various kinds of outside plant on construction work plans, plant records, maps, etc. The symbols in Part 3 of this section are for use on maps. The symbols and abbreviations in the balance of these sections are primarily for use on construction work plans, plant records, etc., other than maps, but some of them may also be employed on maps.

1.03 The representative symbols employed in these sections are for use in the following scheme, with only a few exceptions, to indicate whether the plant is existing, proposed, or to be removed:

—————, - - - - -	Existing
—————, - - - - -	Proposed
- x - x -, - x - x -	To be Removed

The few exceptions to this general plan are for reasons of simplicity and clarity.

1.04 Unless the manner of reproduction of copies, such as by hectograph, blue print processes, etc., demands otherwise, the symbols should be indicated in black.

1.05 In several cases the same symbol has been used to indicate two or more kinds of plant. However, distinction between types of plant so designated, as for example between cable, conduit, and open wire, which are designated (except on maps) by a straight full line, is clearly indicated by the other symbols and details associated therewith, and by the title and general character of the plans or records on which they are used.

2. ABBREVIATIONS

2.01 The following abbreviations are of a general nature and are applicable to records, work plans, and maps:

ASPH	asphalt	FL	floor
ATTCH	attachment	GRD	ground
AVE	Avenue	GL	ground line
BRB	base rate area boundary	HT	high tension
BSMT	basement	HWY	highway
BLK	block	CWT	hundredweight
BLVD	Boulevard	JT	joint
BRKT	bracket	KCRO	keep cost routine order
BRDG	bridge	KC	kilocycle
BLDG	building	KV	kilovolt
BC	building cable	MV	move
CAP	capacitor	N	north
CARR	carrier	NO.	number
CL	center line	OW	open wire
CO	central office	PR. W	paired wire, in- cluding twisted pair
CKT	circuit	PKWY	parkway
CLR	clearance	PH	phantom
COND	conductor	PL	place, placed or plat
CND	conduit	P	pole
DEF	defective	PL	property line
DIST	district	RR	railroad
DIV	division	RRX	railroad crossing
DWG	drawing	REINF	reinforce
DVWY	driveway	REM	remove
EA	each	REPL	replace
E	east		
EST	estimate		
EXCH	exchange		

R/W	right of way	ST	street
RD	road or round	TRFR	transfer
RT	route	TRK	trunk
RO	routine order	UG	underground
S	south or side	W	west
SQ	square		

3. SYMBOLS FOR USE ON MAPS

3.01 In view of the difficulty of mechanically reproducing colors on maps, symbols which rely on the interpretation of color for their meaning are not recommended herein. Emphasis of certain features generally may be obtained by employing suitable comparative weights of the lines, and by positioning and segregation.

3.02 The following symbols are for use on maps:

- | | | |
|------|---|---|
| 3.03 |  | UG Conduit |
| 3.04 |  | UG Cable in UG Conduit |
| 3.05 |  | Aerial Cable |
| 3.06 |  | Submarine Cable |
| 3.07 |  | Buried Cable |
| 3.08 |  | Future Cable |
| 3.09 |  | Aerial Wire |
| 3.10 |  | Buried Wire |
| 3.11 |  | Bell Co. Central Office |
| 3.12 |  | Independent Co. Central Office |
| 3.13 |  | Bell Co. Central Office, Toll Center |
| 3.14 |  | Independent Co. Central Office, Toll Center |
| 3.15 |  | Repeater Station in Central Office |
| 3.16 |   | Repeater Station |
| | Attended | Unattended |

- 3.17 Radio Repeater Station
- 3.18 Radio Telephone Receiving Station
- 3.19 Radio Telephone Transmitting Station
- 3.20 Arrow for orientation
- 3.21 Exchange Boundary Line
- 3.22 Central Office Boundary Line
- 3.23 Base Rate Area Boundary Line
- 3.24 Division Boundary Line
- 3.25 District Boundary Line

3.26 When further identification is necessary the line symbols in Paragraphs 3.03 through 3.10 are supplemented with suitable words or abbreviations as in Paragraphs 3.27 through 3.32.

- 3.27 Exchange UG Cable
- 3.28 Toll Aerial Cable
- 3.29 Independent Company's Aerial Wire Line

3.30 Ownership of plant is indicated as shown in the following examples:

	<u>UG Cable</u>	<u>Aerial Cable</u>	<u>Open Wire</u>	<u>Ownership</u>
(a)				Associated Company
(b)				Other Company
(c)				A.T.&T. Company (1)
(d)				Associated Company (2)
(e)				Jt. Assoc. Co. & Other Co.
(f)				Jt. Assoc. Co. and A.T.&T. Company (1)

- (1) For use by Associated Company
 (2) For use by A.T.&T. Company

3.31 W EXCH W Telephone Company Exchange Aerial Cable on Foreign Line. Type of plant (i.e., open wire or cable) is indicated by the appropriate line symbol.

3.32 W W Foreign Line not carrying Telephone Company's plant.

Note: The ownership of foreign lines should, as illustrated in Paragraphs 3.30 through 3.32, be indicated by the same letters as are standard for indicating the ownership of individual poles. Similarly, joint ownership of lines should be indicated by the same symbols as are standard for indicating the joint ownership of individual poles. See Section G10.330.2, Paragraph 2.14.

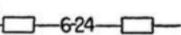
3.33 The kind of Future Cable should be indicated by using appropriate abbreviations above the line symbol as in Paragraphs 3.34 through 3.36.

3.34 EXCH AE Future Exchange Aerial Cable

3.35 TOLL UG Future Toll Cable in Underground Conduit

3.36 BT Future Buried Tape Armored Cable

3.37 More descriptive details of the type of plant may be indicated by inserting suitable data in the line symbol. For example:

(a) EXCH  606 pair 24-gauge Exchange Underground Cable

(b) TOLL 128 128 Copper Open Wire Toll Line

3.38 For the designation of state, county, township, city, village, and borough lines, and such other details as railroads, streams, trails, etc., which may be found desirable to show on maps, use the conventional signs employed on the topographic maps of the United States.

3.39 Any item of plant, other than those listed in Paragraphs 3.02 to 3.38 which there is occasion to portray on maps, should be shown thereon by means of the same symbols as those listed for the respective plant items in Sections G10.330.2 through G10.330.6 inclusive.

G10.330.1