Digital Mapping Symbols Specifications for Survey and Photogrammetry Existing Features September 2003

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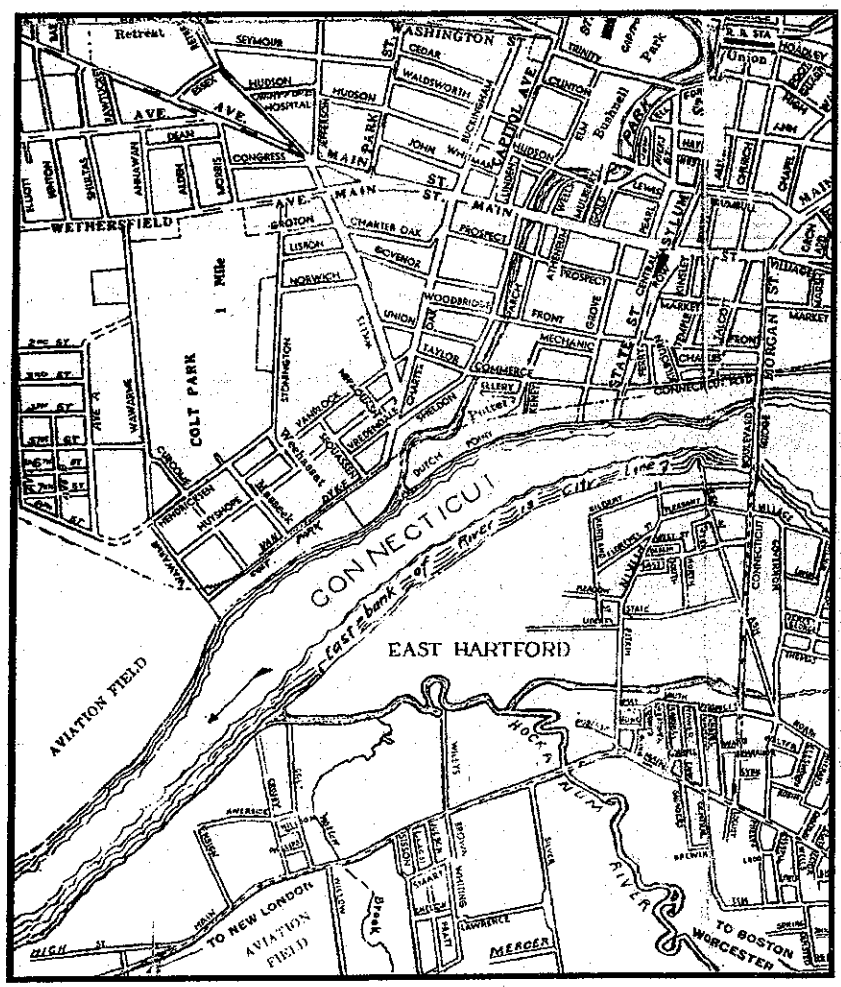

Digital Mapping Symbols Specifications for Survey and Photogrammetry Existing Features

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PURPOSE – This is the State Of Connecticut Department Of Transportation's Digital Mapping Symbols Specifications for Survey and Photogrammetry Existing Features. Due to Data Collection, Photogrammetry, and Design necessities, feature attributes have been completely revised since the last release of August 1995. This is as follows:

Functions of MicroStation[1] levels were changed to accommodate present and future needs. Levels of similar functions are better grouped together.

The Department has reverted back from an SI metric based system to customary Imperial units as its standard.

New color tables were created for better organization, more color choices, and screening options plotting.

Custom linestyles have replaced patterned lines.

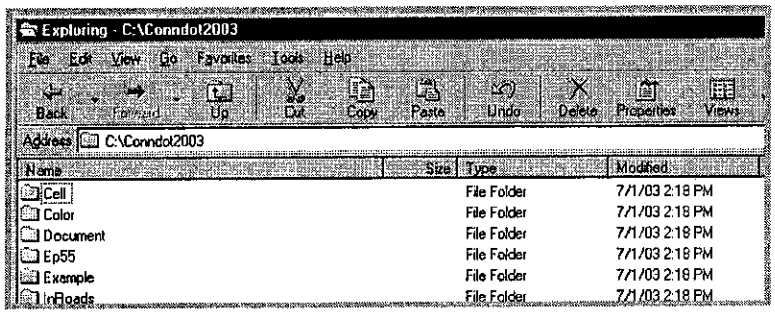
A change in third party application software required customized resource files.

A MicroStation Barmenu (replacing the Settings Manager) was created to help transition into the latest standards and to automate feature placement. This eliminated the need to memorize feature attributes and scale factors.

1 SECTION I – FORMAT

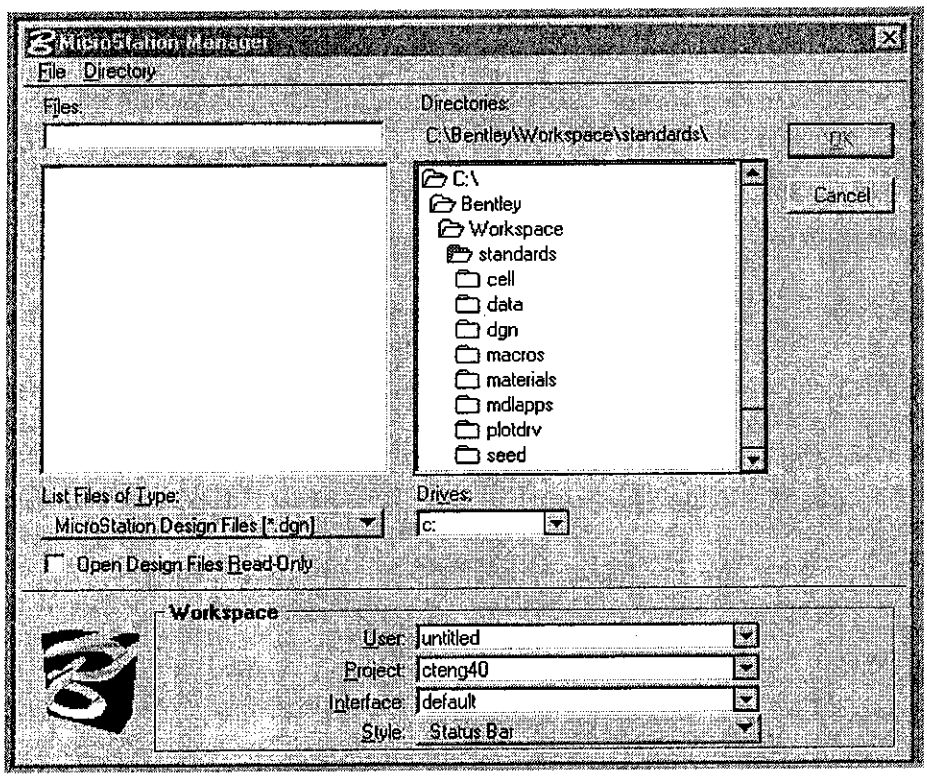
1.1 Structure/Availability – The Office of Central Surveys provides electronic resource files to utilize CADD and survey software. These self-extracting files can be obtained by contacting this office or by accessing the Survey files on the CTDOT main web page located under: http://www.ct.gov/.

1.1.1 Directory Structure – "Conndot2003.exe" is a self-extracting file that creates "C:\Conndot2003" with appropriate subdirectories and included files.



[1] The Department uses MicroStation format as its standard for all of its CADD/Graphic related functions. Policy Statement No. ADMIN-24 dated March 16, 1993.

It is recommended that these files be locally accessed to avoid certain network conflicts and to accommodate individual user preferences. "Wkspace.exe" contains MicroStation project configuration files (pcf's). The workspace configuration variable paths point to the subdirectories in "C:\Conndot2003". MicroStation workspaces are based on version J and extracted to "C:\Bentley\Workspace".



The following is a MicroStation project workspace (*.pcf) example:

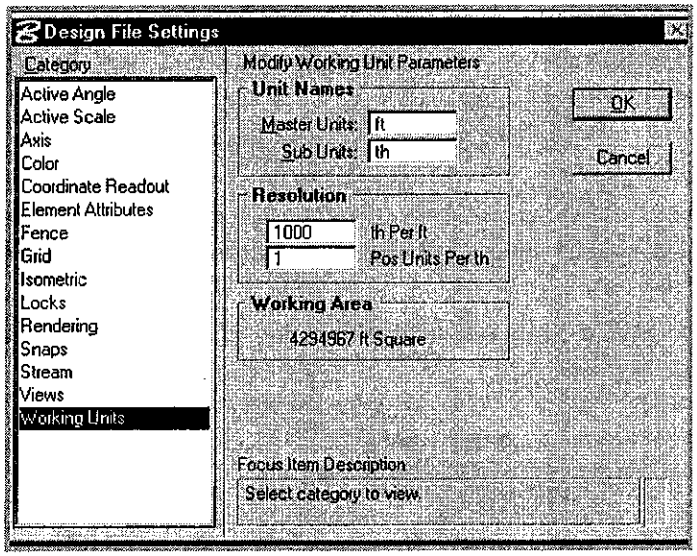
Project Workspace

```
#
#       This is a project configuration file for conndot English design files
#
#       Date: July 2, 2003 CTDOT Surveys
#
#       This workspace points to the subdirectories under Conndot2003.
#       It defaults to a 40 scale setting and prompt.
#-------------------------------------------------------------------
# Copyright 1993, Bentley Systems, Inc.
#
```

```
# Limited permission is hereby granted to reproduce and modify this
# copyrighted material provided that the resulting code is used only in
# conjunction with Bentley Systems products under the terms of the
# license agreement provided therein, and that this notice is retained
# in its entirety in any such reproduction or modification.
#
#-----------------------------------------------------------------------
_USTN_PROJECTDESCR = Conndot English 40
#
#-------------------------------------------------------------#
#                        Search Paths & Apps
#-------------------------------------------------------------#
#
#-----                  CELL LIBRARIES                    -----#
MS_CELL < c:/Conndot2003/cell/
MS_CELLLIST = c:/Conndot2003/cell/ctsvy40e.cel

#-----                  SYMBOLOGY RESOURCES               -----#
MS_SYMBRSRC = C:\Bentley\Workspace\system\symb\ctdotfont.rsc
MS_SYMBRSRC > c:/Conndot2003/resource/ctdoteng40.rsc

#-----                  SETTINGS MANAGER                  -----#
MS_SETTINGSDIR = c:/Conndot2003/setmngr/
MS_SETTINGS  = c:/Conndot2003/setmngr/ctsvy40.stg

#-----                  MDL'S                             -----#
MS_MDLAPPS > c:/Conndot2003/mdl/
MS_MDL > c:/Conndot2003/mdl/
MS_DGNAPPS = c:/Conndot2003/mdl/celltool.ma

#-----                  MACRO'S                           -----#
MS_MACRO > c:/Conndot2003/macro/

#-----                  UCM'S                             ----#
MS_UCM > c:/Conndot2003/ucm/
MS_INIT = c:/Conndot2003/ucm/40prompt.ucm

#-----                  PEN TABLES                        -----#
MS_PENTABLE > c:/Conndot2003/plot/

#-----                  SEED                              -----#
MS_SEEDFILES < c:/Conndot2003/seed/

#-----                  LEVEL NAMES                       -----#

#-----                  COLOR                             -----#
MS_DEFCTBL = c:/Conndot2003/color/bright2.tbl

#-----                  MISC                              -----#
MS_ENHANCEDPRECISION = 1
```

1.1.2 Feature Construction - All features were based on an English scale of 1 inch = 40 feet. Cells and linestyles can be scaled by applying proper working units and scale setting as shown in the following two sections.

1.1.2.1 Survey Working Units – Three decimal places are used for Survey design file coordinate readouts to accommodate Connecticut Geodetic Control which is measured in thousandths of a foot.



English
Master Units = FT
Sub Units = Th.

English		
Scale	**Resolution**	
	Th./FT	PU/Th.
1:80	1000	1
1:40	1000	1
1:20	1000	1

Metric (SI)
Master Units = m
Sub Units = mm

Metric		
Scale	**Resolution**	
	mm/m	PU/mm
1:1000	1000	1
1:500	1000	2
1:200	1000	5

PU = Positional Units

1.1.2.2 Scale Settings – Cells and custom linestyles are based on an English 40 scale. To work in other drawing scales, "active scales", "linestyle scales", and design file working units must be properly set. Linestyles are based on master units. Some linestyles are just visual representations while others have actual dimensions to them. An example of a linestyle with an *actual* dimension is a 36-inch pipe (lc=PIPE36). This should always measure 3.0 feet wide in any design file and scale 3.0 feet on the plot. An example of a linestyle that is just a *visual* representation is a highway line. The plotted dashes should appear the same size regardless of map scale. Cells are based on total units of resolution (uor's). A tree is an example of a *visual* cell, independent of the tree's size, while a culvert end is an example of an *actual* cell with a dimension to it. The following tables show English and Metric scale settings to be used when working in various MicroStation files. Note that cells and linestyles scale differently in metric design files due to various positional units.

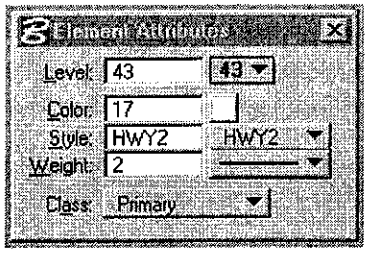
English

Working Units (Feet)		Map Scale	Cell Scale (as=)		Linestyles Scale	
Sub Units per ft	Positional Units		Visual	Actual	Visual	Actual
1000	1	20	0.5	1	0.5	1
1000	1	40	1	1	1	1
1000	1	80	2	1	2	1
1000	1	200	5	1	5	1

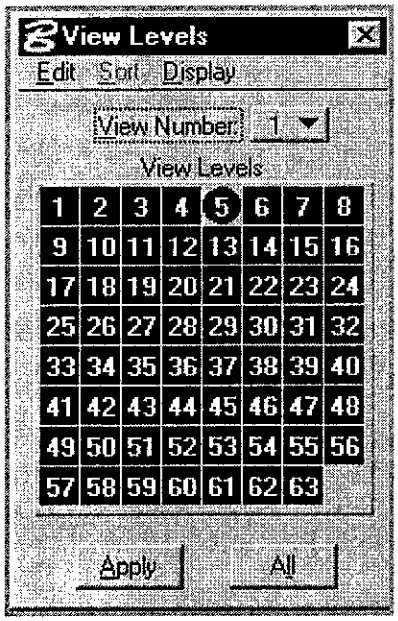
Metric

Working Units (Meters)		Map Scale	Cell Scale (as=)		Linestyles Scale	
Sub Units per M	Positional Units		Visual	Actual	Visual	Actual
1000	5	200	0.635	1.524	0.1219	0.3048
1000	2	500	0.635	0.096	0.3175	0.3048
1000	1	1000	0.635	0.3048	0.635	0.3048

1.2 **Feature Attribute Information** – Existing features were assigned attributes based on a unique level, weight, and color combination. Feature listings with their attributes are included in **SECTION II – Feature Reference Material**.



1.2.1 Level – Levels were based on overall functional groups and were regrouped into categories to make functions less confusing (see also section **1.3.3 Category**). Categories can be used for level names rather than number if desired. Since these standards were based on MicroStation version J, only 63 levels were used. The category grouping will drive level structure updates if unlimited levels are incorporated in the future.



The following two sections show level assignments for Ground Surveys and Property Maps. Both of these files can be found under "C:\Conndot2003\Document\". The grayed out Property Map levels are those that differ from Ground Survey levels.

1.2.1.1 LEVEL ASSIGNMENTS FOR GROUND SURVEYS

LEVEL / FUNCTION		*DESCRIPTION / EXAMPLES*
MAPPING		
1	Map Items w/ Text	Borders, Match marks, Notes, References, Title blocks
WATER / DRAINAGE		
2	Water Courses	Ditches, Streams, Wetlands
3	Water Courses Text	
4	Drainage	Pipes only
5	Drainage Structures	Basins, Culverts, End walls, Head walls, Manholes
6	Drainage Text	Direction, Size, Type
7	Flow Line Information	Elevations (Drainage, Sanitary, Well)
8	Sanitary Sewer	Dry wells, Leeching fields, Manholes, Pipes, Tanks
9	Sanitary Sewer Text	Direction, Size
UTILITIES		
10	Communications w/ Text	Underground Phone, Cable TV and Related Structures
11	Electric w/ Text	Underground Power Line and Related Structures
12	Gas w/ Text	Gas Main and Related Structures
13	Water w/ Text	Water Main and Related Structures
14	Overhead / Aboveground	General overhead lines / Related Structures
15	Overhead / Aboveground Text	Phone Booths, Propane tanks, Trans. towers, Poles
RAILROAD		
16	Tracks w/ Text	Ballast, Tracks, Tracks text
17	RR Features	Cat towers, Lights, Switches
18	RR Features Text	
TRAFFIC		
19	Illumination & Signs	Billboards, Delineators, Object Markers
20	Illumination & Signs Text	
21	Signals	Boxes, Loop detectors, Signals, Span poles
22	Signals Text	
23	Pavement Markings	Arrows, Line striping
24	Pavement Markings Text	
TOPOGRAPHY		
25	Guide Rails	End anchors, Jersey barriers, Temp construction
26	Guide Rails Text	
27	Roadway	Curbs, Leakoffs, Rumble strips, Traveled way edges
28	Roadway Text	
29	Walks & Steps	Decks, Patios, Steps, Walks
30	Walks & Steps Text	
31	Fences	Fences, Stone walls

32	Fences Text	
33	Vegetation	Cultivation, Hedges, Treelines
34	Vegetation Text	
35	Misc. Topography	Ledge outcrop, Sprinklers, Wells, Etc.
36	Misc. Topography Text	

STRUCTURES

37	Bridges	Bridges, Retaining walls, Wing walls
38	Bridges Text	
39	Buildings	Buildings, Footings, In ground swimming pools
40	Buildings Text	
41	(Level currently available)	
42	(Level currently available)	

BOUNDARY INFORMATION / FIELD CONTROL

43	Boundary Monumentation & Lines	CHD's, Pins, Hwy, Property, Release & Taking lines
44	Boundary Mon. & Lines Text	Easements, Owners, R.O.W. references, Val Data
45	Boundary & Field Ctl. w/ Text	Bench marks, Control pts., POL's, Tie boxes
46	Field Checks, etc. w/ Text	Reg pts, Check shots, Borings, Flow lines (no elev.)
47	Field Edit Limit	Work area indicator

HORIZONTAL SETUP

48	Baseline	Baseline, Centerline, P.I., Keypoints
49	Baseline Text	Control staff, Curve data
50	Grid Ticks w/ Text	Grid ticks w/ coordinates, North arrows

CONTOURS

51	Index Contours w/ Text	Contour lines w/ elevations
52	Inter. Contours w/ Text	Contour lines w/ elevations
53	Spot Elevation w/ Text	Tick (high/low pt) w/ elevation

SURFACE MODELING

54	Void Regions	Inside shape to void triangulation (Appox. elevation)
55	Boundary / Edge Point	Outer boundary lines to limit TIN
56	Break Lines	Line to 'break' triangulation lines
57	TIN Lines	Surface triangulation lines
58	Photogrammetry Mass Points	Active points for Photogrammetrically observed shots
59	Spot Shots	Cell for 'Spot shots (elevations only)' & Flow lines w/ elevations

NODES

60	Node Description	
61	Node Elevation	'Z' value of node
62	Node Number	Number to select node by
63	Node	Active points for all Field located shots ['Ground shots (XYZ)' & 'Spot shots (Z only)']

1.2.1.2 LEVEL ASSIGNMENTS FOR PROPERTY & ROW MAPS

LEVEL / FUNCTION		*DESCRIPTION / EXAMPLES*
MAPPING		
1	Map Items w/ Text	Borders, Match marks, Notes, References, Title blocks
WATER / DRAINAGE		
2	Water Courses	Ditches, Streams, Wetlands
3	Water Courses Text	
4	Drainage	Pipes only
5	Drainage Structures	Basins, Culverts, End walls, Head walls, Manholes
6	Drainage Text	Direction, Size, Type
7	Flow Line Information	Elevations (Drainage, Sanitary, Well)
8	Sanitary Sewer	Dry wells, Leeching fields, Manholes, Pipes, Tanks
9	Sanitary Sewer Text	Direction, Size
UTILITIES		
10	Communications w/ Text	Underground Phone, Cable TV and Related Structures
11	Electric w/ Text	Underground Power Line and Related Structures
12	Gas w/ Text	Gas Main and Related Structures
13	Water w/ Text	Water Main and Related Structures
14	Overhead / Aboveground	General overhead lines / Related Structures
15	Overhead / Aboveground Text	Phone Booths, Propane tanks, Trans. towers, Poles
RAILROAD		
16	Tracks w/ Text	Ballast, Tracks, Tracks text
17	RR Features	Cat towers, Lights, Switches
18	RR Features Text	
TRAFFIC		
19	Illumination & Signs	Billboards, Delineators, Object Markers, Poles
20	Illumination & Signs Text	
21	Signals	Boxes, Loop detectors, Signals, Span poles
22	Signals Text	
23	Pavement Markings	Arrows, Line striping
24	Pavement Markings Text	
TOPOGRAPHY		
25	Guide Rails	End anchors, Jersey barriers, Temp construction
26	Guide Rails Text	
27	Roadway	Curbs, Leakoffs, Rumble strips, Traveled way edges
28	Roadway Text	
29	Walks & Steps	Decks, Patios, Steps, Walks
30	Walks & Steps Text	

31	Fences	Fences, Stone walls
32	Fences Text	
33	Vegetation	Cultivation, Hedges, Treelines
34	Vegetation Text	
35	Misc. Topography	Ledge outcrop, Sprinklers, Wells, Etc.
36	Misc. Topography Text	

STRUCTURES

37	Bridges	Bridges, Retaining walls, Wing walls
38	Bridges Text	
39	Buildings	Buildings, Footings, In ground swimming pools
40	Buildings Text	
41	(Level currently available)	
42	(Level currently available)	

BOUNDARY INFORMATION / FIELD CONTROL

43	Boundary Monumentation & Lines	CHD's, Pins, Hwy, Property, Release & Taking lines
44	Boundary Mon. & Lines Text	Easements, Owners, R.O.W. references, Val Data, etc.
45	Boundary & Field Ctl. w/ Text	Bench marks, Control pts., POL's, Tie boxes
46	Parcel Info w/ Text	Parcel lines, Release & Taking "Bubbles" (Boundary Maps only)
47	Internal Use Info	Excess area info, Minimum ROW Line (Property Maps only)

HORIZONTAL SETUP

48	Baseline	Baseline, Centerline, P.I., Keypoints
49	Baseline Text	Control staff, Curve data
50	Grid Ticks w/ Text	Grid ticks w/ coordinates, North arrows

PARCEL AREAS

51	Taking Area	Shape for Entire Acquisition
52	Excess Area / Surplus Property	Shape for Acquisition area Beyond Minimum ROW Line
53	Release Area	Shape for Release
54	(Level currently available)	
55	(Level currently available)	
56	(Level currently available)	
57	(Level currently available)	
58	(Level currently available)	
59	(Level currently available)	

NODES

60	Node Description	
61	Node Elevation	'Z' value of node
62	Node Number	Number to select node by
63	Node	Active points for all Field located shots ['Ground shots (XYZ)' & 'Spot shots (Z only)']

1.2.2 Weight – The following table shows the relationship between MicroStation line widths, plotted line widths, and American Standard pen sizes (if applicable).

MicroStation Width	Plotted Width (mm)	Equivalent Pen Size
0	.13	5x0
1	.25	3x0
2	.30	00
3	.38	
4	.45	1
5	.50	2
6	.60	
7	.70	2.5
8	.80	3
9	.90	
10	1.0	3.5
11	1.2	4
12	1.4	5
13	1.6	
14	1.8	
15	2.0	6

This table can be used to set up pen tables for plotting. A portion of the MicroStation file "printer.plt" follows:

```
"; Specify the mapping of MicroStation line weights to line thickness on paper.
; Units are MM, IN, or DOTS (the default)
weight_strokes(mm)=(0.13, 0.25, 0.30, 0.38, 0.45, 0.50, 0.60, 0.70, \
                    0.80, 0.90, 1.00, 1.20, 1.40, 1.60, 1.80, 2.0, \"
```

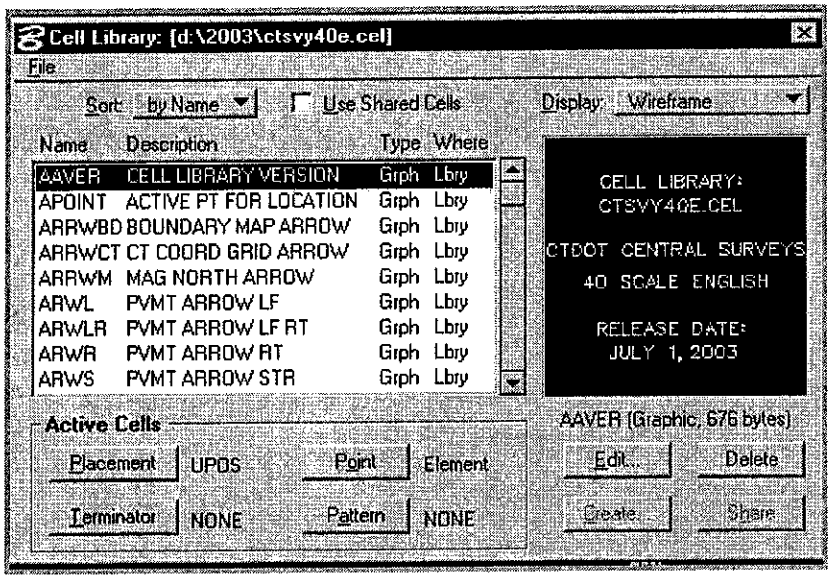
1.2.3 Color – Three new color tables were created based on the number format below. These files, bright2.tbl, halftone2.tbl, and nuance2.tbl, can be found under "C:\Conndot2003\Color". Numbers 1 – 15 in the top row (see actual color table), are based on the color spectrum. The rows beneath are variations on each of these particular colors. Browns, a grey scale, and screening colors for plotting were also added. Existing features use only the first three-quarters of the variation rows. This allows color tables to be interchanged to allow a half tone pastel effect on existing features, while any emphasized colors in the last quarter of these rows would remain unchanged in each of the three tables.

MicroStation Color Table Numbers

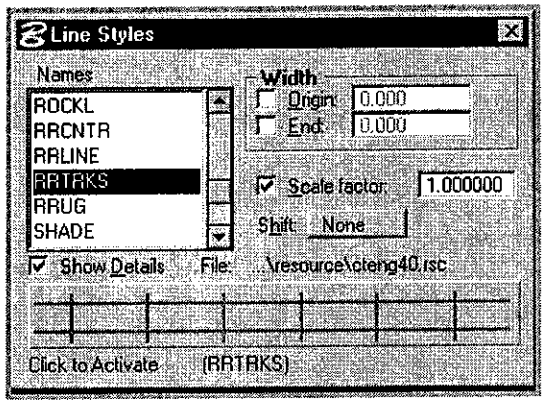
Color Spectrum >	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Red >	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Orange >	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Yellow >	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Yellow/ Green >	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Green >	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Green/Blue >	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Cyan >	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Blue >	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
Dark Blue >	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
Violet >	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
Magenta >	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
Crimson >	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
Brown >	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
Grey >	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
Grey Scale >	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

0 (Grey)		9 Dark Blue	144 - 159
1 Red	16 - 31	10 Violet	160 - 175
2 Orange	32 - 47	11 Magenta	176 - 191
3 Yellow	48 - 63	12 Crimson	192 - 207
4 Yellow/Green	64 - 79	13 Brown	208 - 223
5 Green	80 - 95	14 Grey	224 - 239
6 Green/Blue	96 - 111	15 (Open)	
7 Cyan	112 - 127	* Grey Scale	240 - 250
8 Blue	128 - 143	* Screens	251 - 254

1.2.4 Symbols – (see also **2.1 Cell Library**) are placed as cells from a MicroStation cell library (*.cel). A customized cell library can be found under "C:\Conndot2003\cell". Again, these cells were created in a 40-scale, 1 positional unit English drawing. Some cells such as bar scales have data fields to enter text into. Bar scales are also good checks to see if the drawing scale is properly set.



1.2.5 Line Conventions – (see also listings in **2.2 Custom Linestyles**) Line conventions are placed as custom linestyles from a MicroStation resource file (*.rsc) found under "C:\Conndot2003\resource". The lines, like the cells, are based on a 40 scale English drawing.



1.2.6 Lettering - Text is placed from a MicroStation font resource file (ctdotfont.rsc). Generally, the font is vertical and Gothic-like (MicroStation number 1), uppercase, and letter width equals letter height. Lowercase lettering, tall and narrow letters, or sizes less than an 80 Leroy equivalent may be illegible at half sheet reductions. Occasional inclined lettering (e.g. property owners) is drawn on an angle of 68°. The following tables show English and Metric relationship between plotted letter heights, drafting template sizes (e.g. "LEROY"), and MicroStation text heights.

English Text Sizes

Plotted Letter Height/ Template Size (1000'ths of an inch)		MicroStation Text Size (feet)		
		20 Scale	40 Scale	80 Scale
A	80	1.6	3.2	6.4
B	100	2	4	8
C	120	2.4	4.8	9.6
D	140	2.8	5.6	11.2
E	175	3.5	7	14
F	200	4	8	16
G	240	4.8	9.6	19.2
H	290	5.8	11.6	23.2
I	350	7	14	28
J	425	8.5	17	34
K	500	10	20	40

Metric Text Sizes

Plotted Letter Height (mm)		MicroStation Text Size (meters)		
		200 Scale	500 Scale	1000 Scale
A	2.0	.40	1.0	2.0
B	2.5	.50	1.25	2.5
C	3.0	.60	1.5	3.0
D	3.5	.70	1.75	3.5
E	4.5	.90	2.25	4.5
F	5.0	1.0	2.5	5.0
G	6.0	1.2	3.0	6.0
H	7.5	1.5	3.75	7.5
I	9.0	1.8	4.5	9.0
J	11.0	2.2	5.50	11.0
K	12.5	2.5	6.25	12.5

1.3 Additional Feature Attribute Information – In addition to level, weight, and color, features have information pertaining to data collection, surface modeling, and grouping. This information was used to develop feature tables, preferences, and to provide better organization for automation and standardization.

1.3.1 Data Collection – (see also **1.5.1 Feature Table**) Field located features contain both alpha and numeric codes for data collection. Alpha codes were kept to a minimum character length for convenience of field personnel. Some alternate alpha key-in's were added to discriminate between located items rather than creating additional features (e.g. "gravel road" versus "gravel drive".)

1.3.2 Surface Modeling – (see also **1.5.2 Preferences**) Each feature has a digital terrain attribute assigned to it for surface modeling from the following selections:

- Random – Points and lines are triangulated as random points
- Breakline – Prevents triangulation from crossing these features
- Interior – Similar to breakline and prevents points inside this feature from being triangulated
- Exterior – Points and triangles outside this shape are marked as deleted
- DNC (Do Not Contour) - Ignored by surface generation software

1.3.3 Category - (see also **1.2.1 Level** and **1.4 Standards and Automation**) Features were grouped together based on level structure and functionality. Subcategories were then added for CADD operations as follows:

BOUNDARY:
- 43 MONUMENTATION
- 43 ROW LINES
- 46 PARCEL INFO
- 51 GIS

DRAINAGE:
- 04 CONCRETE PIPES
- 04 METAL PIPES
- 04 MISC PIPES
- 04 PLASTIC PIPES
- 05 CATCH BASINS/MANHOLES
- 05 CONCRETE ENDS
- 05 METAL ENDS
- 05 MISC DRAINAGE

FIELD SURVEY:
- 45 CONTROL
- 45 FIELD CHECKS

MAPPING:
- 01 BORDERS/BLOCKS
- 01 NOTES/REVISIONS/LABELS

RAILROAD:
- 16 RR TRACKS
- 17 RR UTILITIES

ROADWAY TOPO:
- 25 BARRIERS/GUIDE RAILS/POSTS
- 27 ROADWAY/LEAKOFFS
- 28 ROADWAY ANNOTATION

STRUCTURES:
- 37 BRIDGES
- 39 BUILDINGS

SURFACES:
- 54 TINS/DTM
- 56 BREAKLINES
- 56 EARTH BREAKLINES
- 56 ROAD BREAKLINES
- 56 ROCK BREAKLINES
- 56 STRUCTURE BREAKLINES
- 58 MASS PTS/SPOT SHOTS

TOPO:
- 29 WALKS/STEPS/DECKS
- 31 FENCES
- 31 WALLS
- 33 TREES/VEGETATION
- 35 GAS STATIONS
- 35 MISC TOPO
- 35 STONES/ROCK

TRAFFIC:
- 19 ILLUMINATION
- 19 SIGNS/POSTS/POLES
- 21 SIGNAL DEVICES
- 23 PAVEMENT MARKINGS

UTILITIES:
- 08 SEWER
- 10 COMMUNICATIONS
- 11 ELECTRIC
- 12 NATURAL GAS
- 13 WATER UTILITIES
- 14 OVERHEAD UTILITIES/POLES
- 14 PROPANE/AC

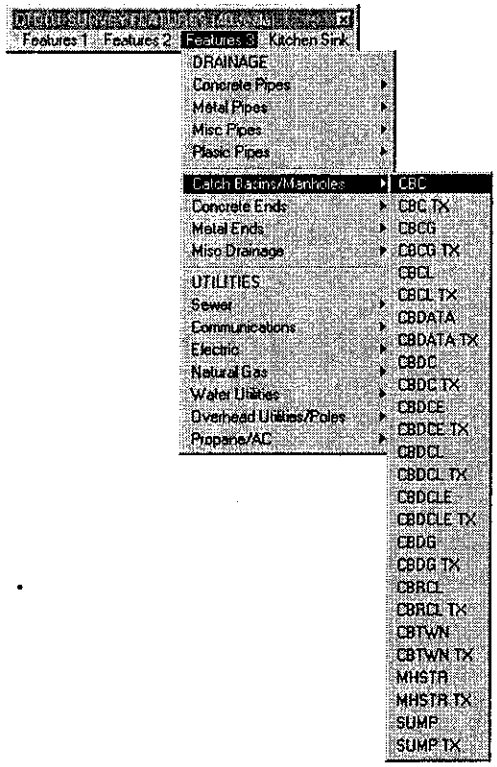
WATER:
- 02 COURSES/WETLANDS
- 02 DITCHES

XY&Z:
- 49 BASELINE
- 50 NO ARROWS/GRIDS
- 51 CONTOUR LINES
- 63 MISC

1.4 Standards and Automation

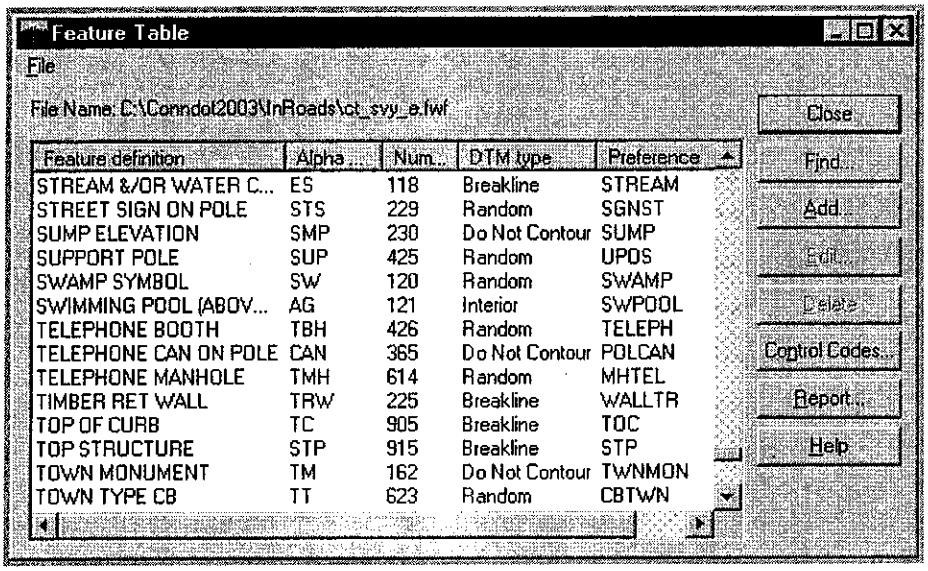
1.4.1 CT DOT Survey Standards – The office of Central Surveys maintains a database with records of all survey features. Any feature questions, comments, or requests should be directed to this office. The database records have been exported to a Microsoft Excel spreadsheet, "C:\Conndot2003\Document*.xls". **SECTION II** of this manual contains reference material based on this spreadsheet information and lists features in three ways for data collection, surface creation, and CADD operation.

1.4.2 Automation – MicroStation macros, ucm's, and mdl's, are provided for efficiency. The Barmenu and Settings Manager utilize these programs to automatically set feature attributes, set text sizes, scale linestyles, place cells, create grid ticks, etc.



1.5 Third Party Applications – The Department has committed to using Bentley's InRoads SelectCAD software. InRoads Survey enables the transfer of electronic fieldbook data to the CADD environment for surface creation and design work (see also **1.3.1 Data Collection** and **1.3.2 Surface Modeling**).

1.5.1 Feature Table – The provided feature table, "C:\Conndot2003\InRoads\ct_svy_e.fwf", defines control codes for data collection, assigns feature attributes, links cells and linestyles for CADD purposes, associates feature styles for viewing, and defines annotation.



Feature definition	Alpha	Num	DTM type	Preference
STREAM &/OR WATER C...	ES	118	Breakline	STREAM
STREET SIGN ON POLE	STS	229	Random	SGNST
SUMP ELEVATION	SMP	230	Do Not Contour	SUMP
SUPPORT POLE	SUP	425	Random	UPOS
SWAMP SYMBOL	SW	120	Random	SWAMP
SWIMMING POOL (ABOV...	AG	121	Interior	SWPOOL
TELEPHONE BOOTH	TBH	426	Random	TELEPH
TELEPHONE CAN ON POLE	CAN	365	Do Not Contour	POLCAN
TELEPHONE MANHOLE	TMH	614	Random	MHTEL
TIMBER RET WALL	TRW	225	Breakline	WALLTR
TOP OF CURB	TC	905	Breakline	TOC
TOP STRUCTURE	STP	915	Breakline	STP
TOWN MONUMENT	TM	162	Do Not Contour	TWNMON
TOWN TYPE CB	TT	623	Random	CBTWN

Information for one example, the Railroad Track feature, follows:

[Feature]

Feature Definition	= RR TRACKS (RAIL LOCATED)
Numeric Code	= 112
Alpha Code	= RR
DTM Type	= Breakline
Preference	= RRTRKS
Level	= 16
Color	= 65
Font	= 1
Rotation	= 0.000000
Text Height	= 3.200000
Text Width	= 3.200000
Precision	= 1
View Text Height	= 0.000000
View Text Width	= 0.000000
View Horizontal Offset	= 0.000000
View Vertical Offset	= 0.000000
View Line Spacing	= 110.000000

Justification	= 0
Justify at decimal	= Yes
Rotate Absolute	= Yes
Line Scale	= 1.000000
Weight	= 0
Style	= RRTRKS
Cell Scale	= 1.000000
Cell Name	= INR_PLUS
Line To Previous	= Yes
Connect Line	= Yes
Attach Tags	= Yes
Custom Operation	=

1.5.2 Preferences - The customized file, "ct_svy_e.ini" located in "C:\Conndot2003\InRoads\", controls "Feature Styles" and "Named Symbologies" to display features differently in various views.

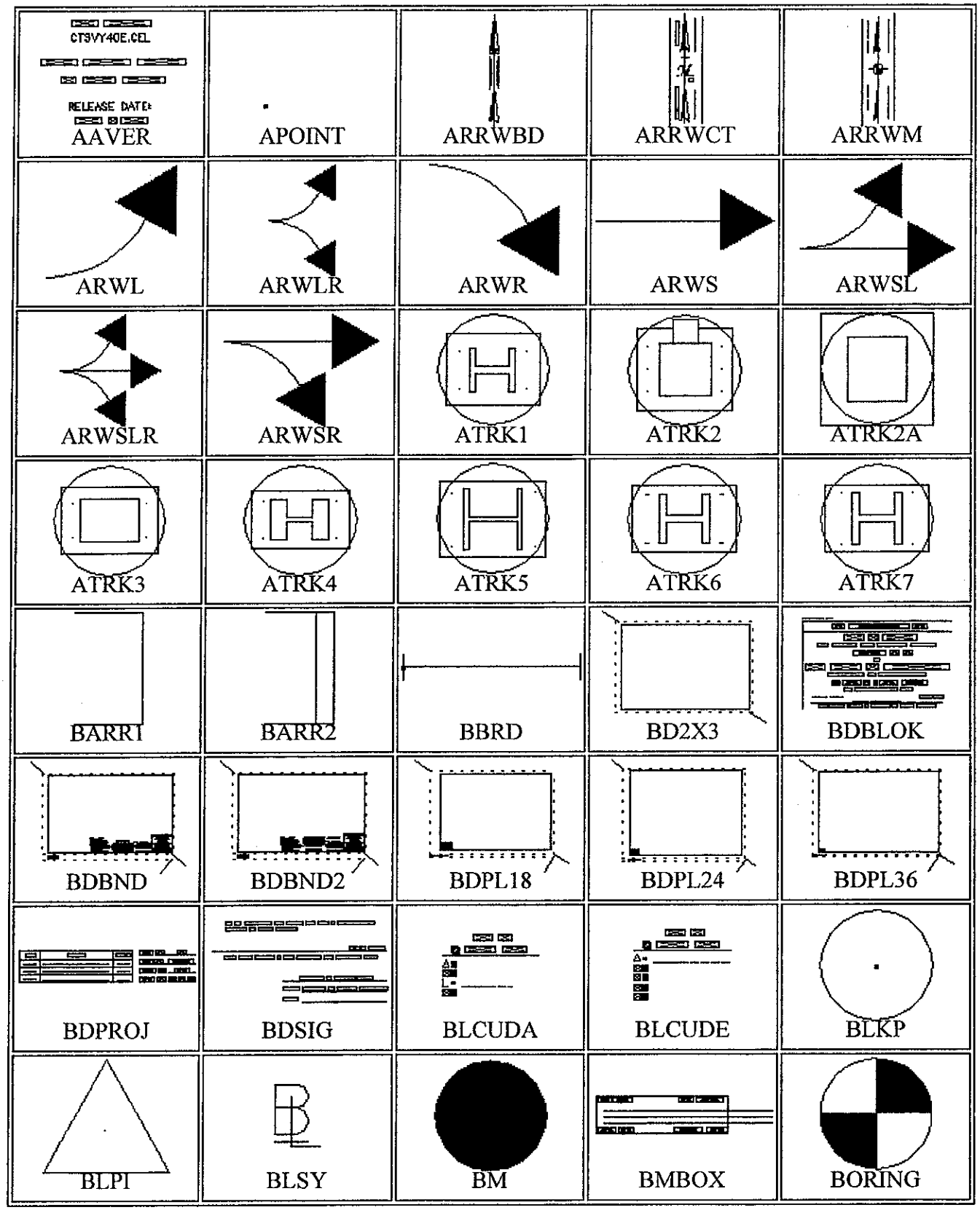
For example, in the "Survey view", a railroad track (driven by the above feature table example) is displayed as a custom linestyle made up of two parallel lines and crossties. In the "Surface view", a CADD user may wish to view the track as a continuous breakline rather than a custom linestyle. This can be done by choosing the "RRBRK" named symbology to replace the "RRTRKS" named symbology for the "RRTRKS" feature. Example symbologies from "ct_svy_e.ini" follow:

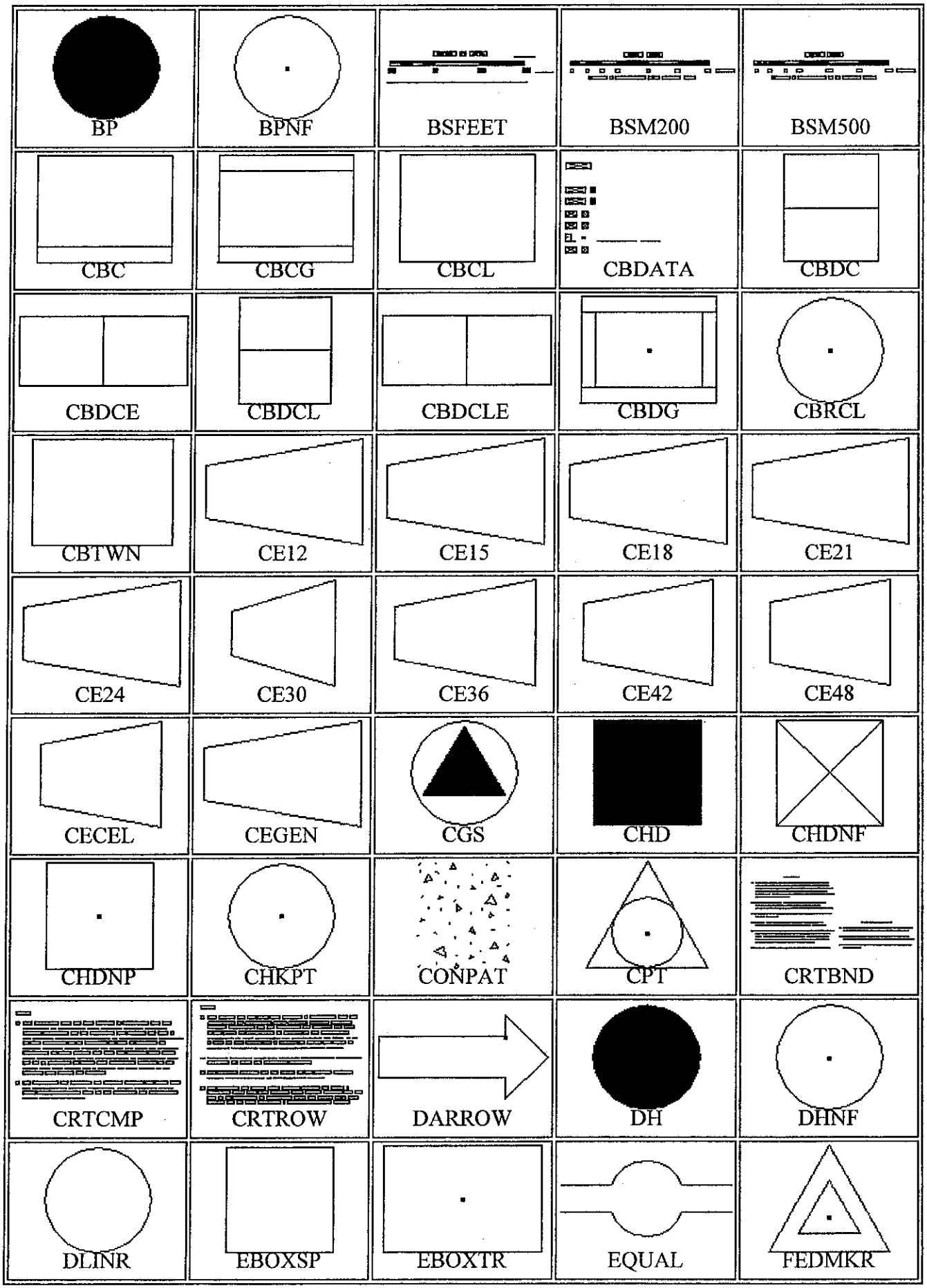
[Named Symbology - RRTRKS]
003PlanLineSymbology=16,16,65,0,RRTRKS,0,0,-1,1.000000,0,0
004PlanTextSymbology=16,16,65,0,1,3.200000,3.200000,0.100000,1,1,0,0,0.000
000000000000,0.000000,0.000000,0,1,1,0,0,0.000000,0.000000,0

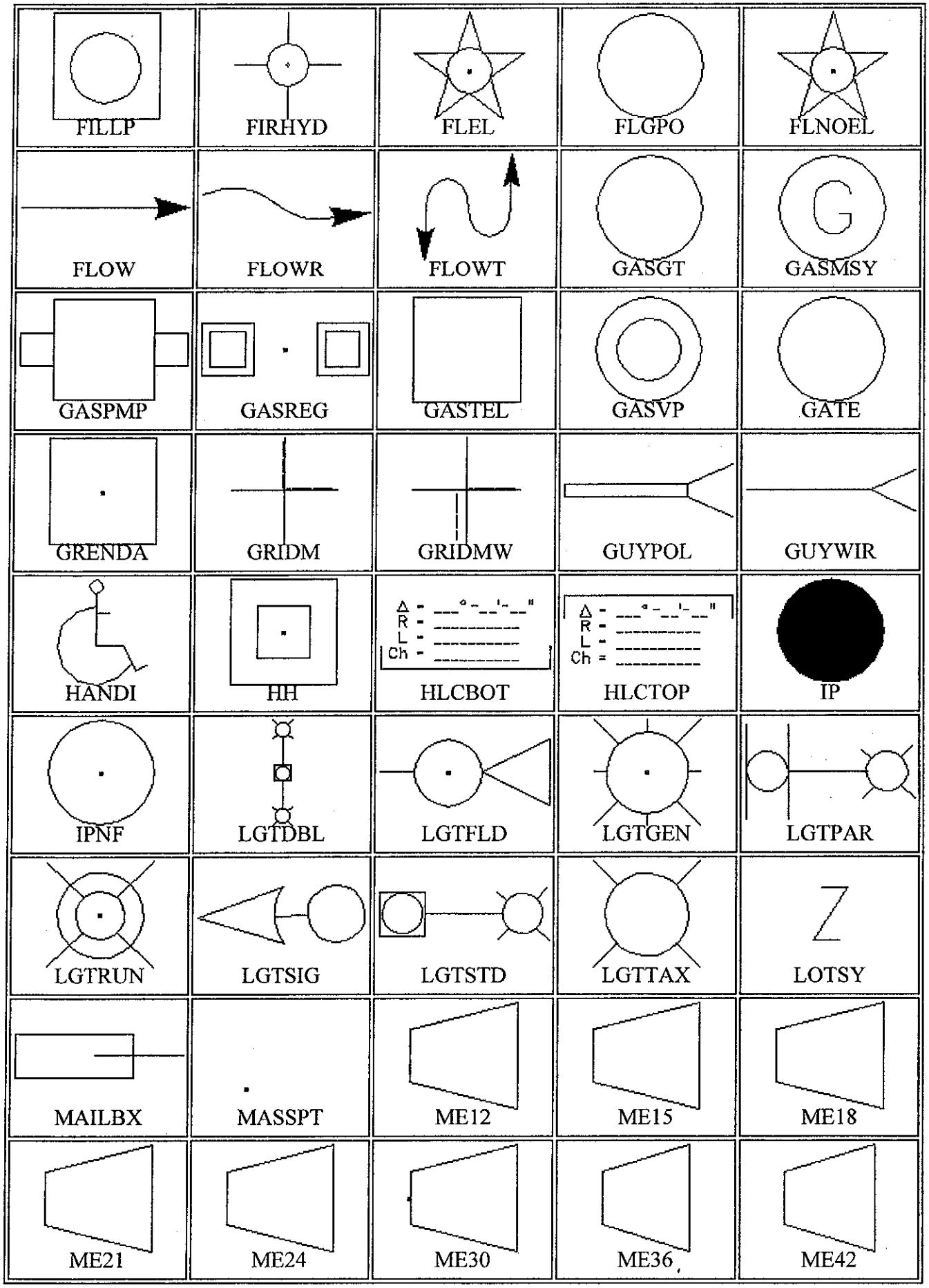
[Named Symbology - RRBRK]
003PlanLineSymbology=16,16,65,0,CONTINUOUS,0,0,-1,1.000000,0,0
004PlanTextSymbology=16,16,65,0,1,3.200000,3.200000,3.200000,1,1,0,0,0.000
000000000000,0.000000,0.000000,0,1,1,0,0,0.000000,0.000000,0

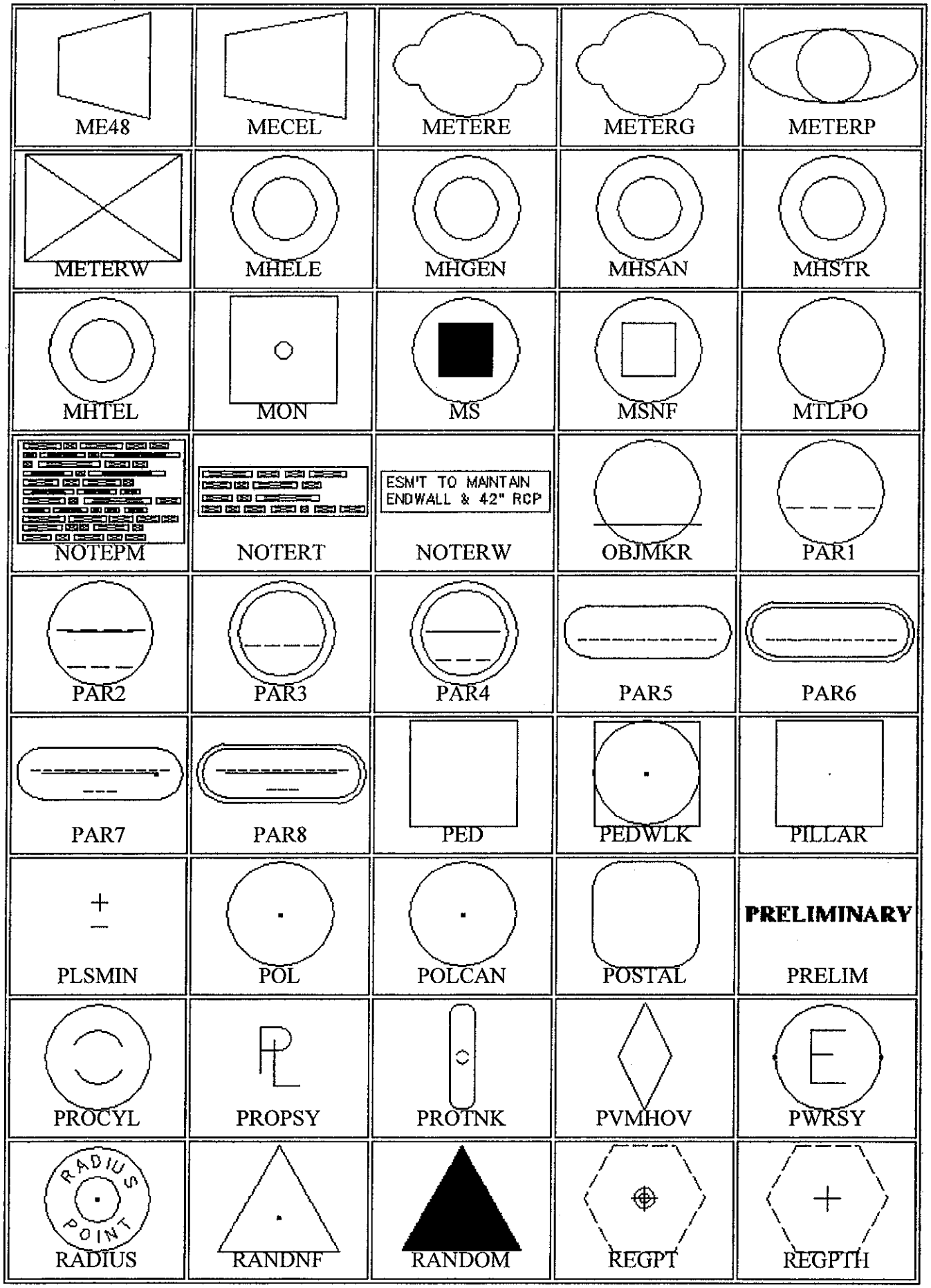
2 **SECTION II – Reference Material** – The following section contains graphic representations of all cells, custom linestyles, and listings of all features. Features are listed by "ALPHA" code for field collection, by "CATEGORY" for CADD placement, and by "PREFERENCE" for surface modeling.

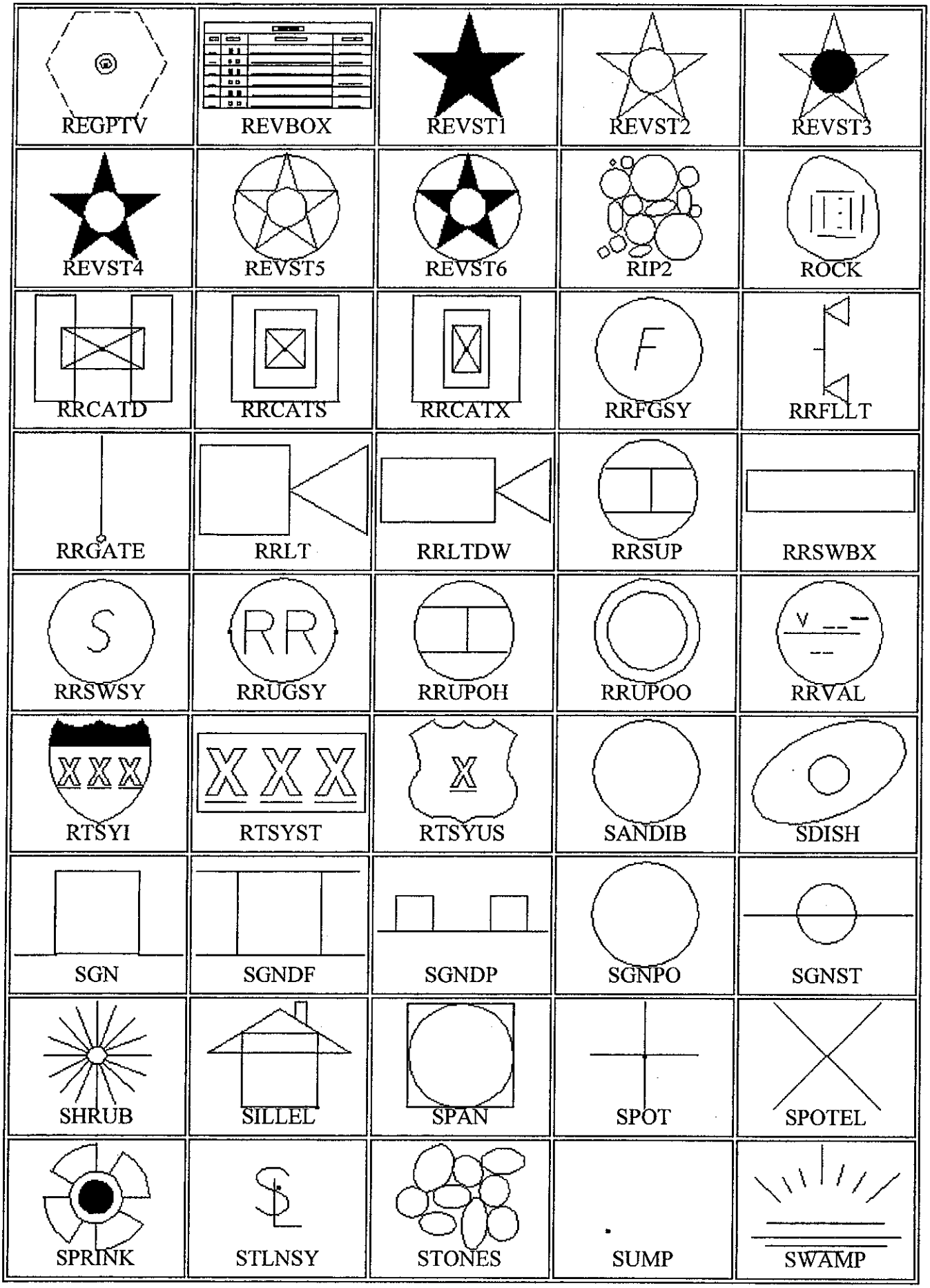
2.1 Cell Library - Symbols from the MicroStation cell library, "ctsvy40e.cel".

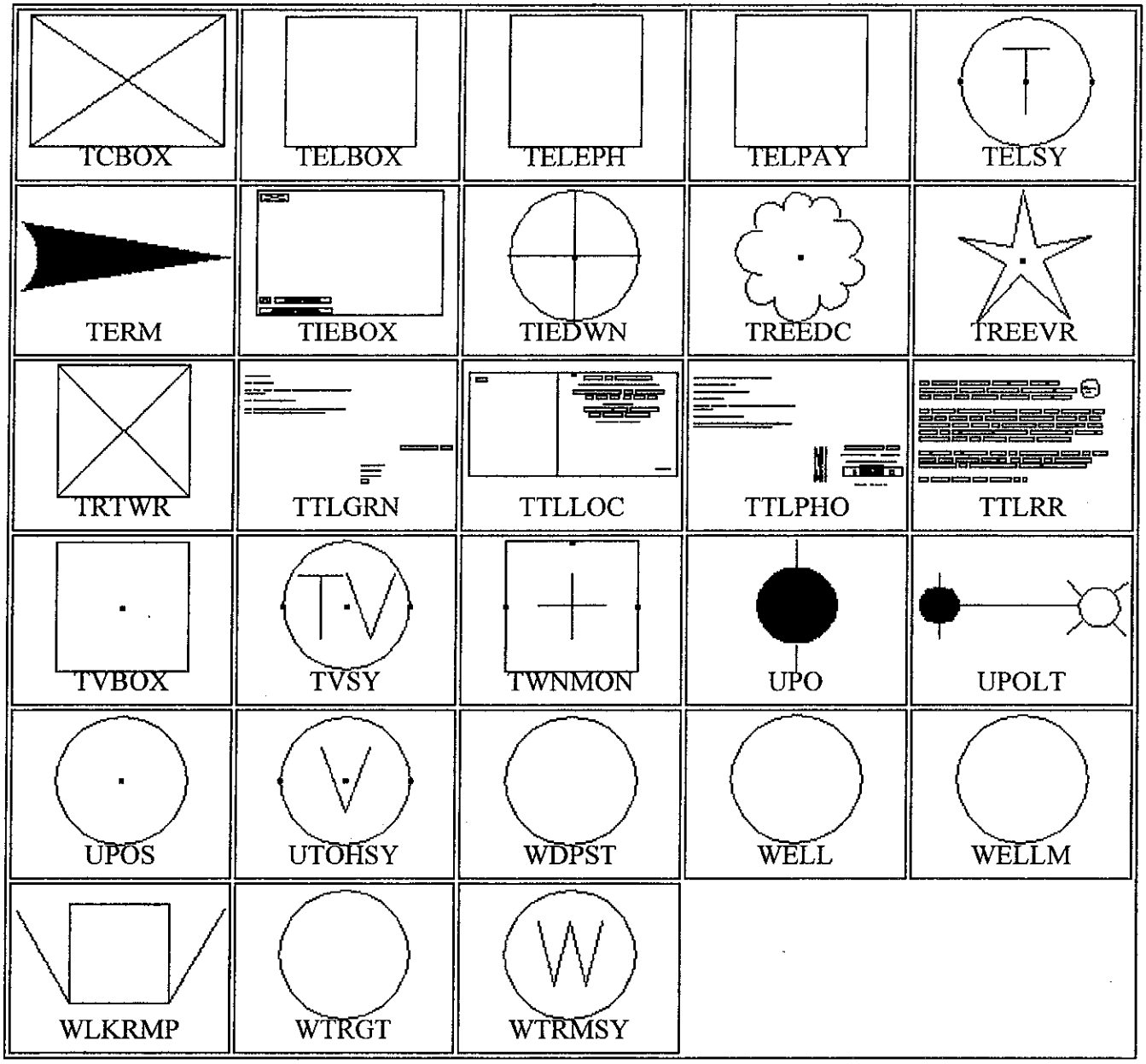



BP
BPNF
BSFEET
BSM200
BSM500
CBC
CBCG
CBCL
CBDATA
CBDC
CBDCE
CBDCL
CBDCLE
CBDG
CBRCL
CBTWN
CE12
CE15
CE18
CE21
CE24
CE30
CE36
CE42
CE48
CECEL
CEGEN
CGS
CHD
CHDNF
CHDNP
CHKPT
CONPAT
CPT
CRTBND
CRTCMP
CRTROW
DARROW
DH
DHNF
DLINR
EBOXSP
EBOXTR
EQUAL
FEDMKR

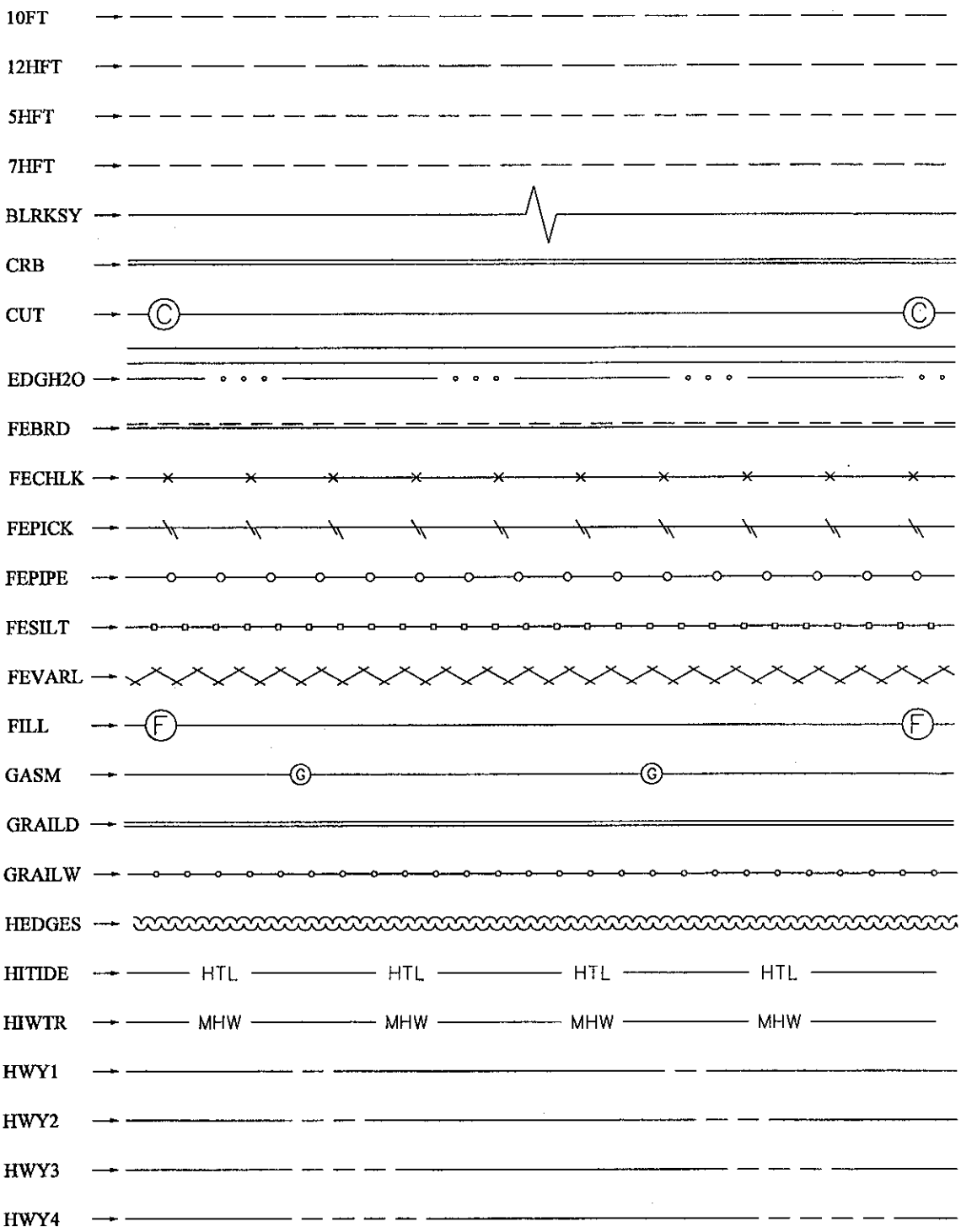

FILLP
FIRHYD
FLEL
FLGPO
FLNOEL
FLOW
FLOWR
FLOWT
GASGT
GASMSY
GASPMP
GASREG
GASTEL
GASVP
GATE
GRENDA
GRIDM
GRIDMW
GUYPOL
GUYWIR
HANDI
HH
HLCBOT
HLCTOP
IP
IPNF
LGTDBL
LGTFLD
LGTGEN
LGTPAR
LGTRUN
LGTSIG
LGTSTD
LGTTAX
LOTSY
MAILBX
MASSPT
ME12
ME15
ME18
ME21
ME24
ME30
ME36
ME42

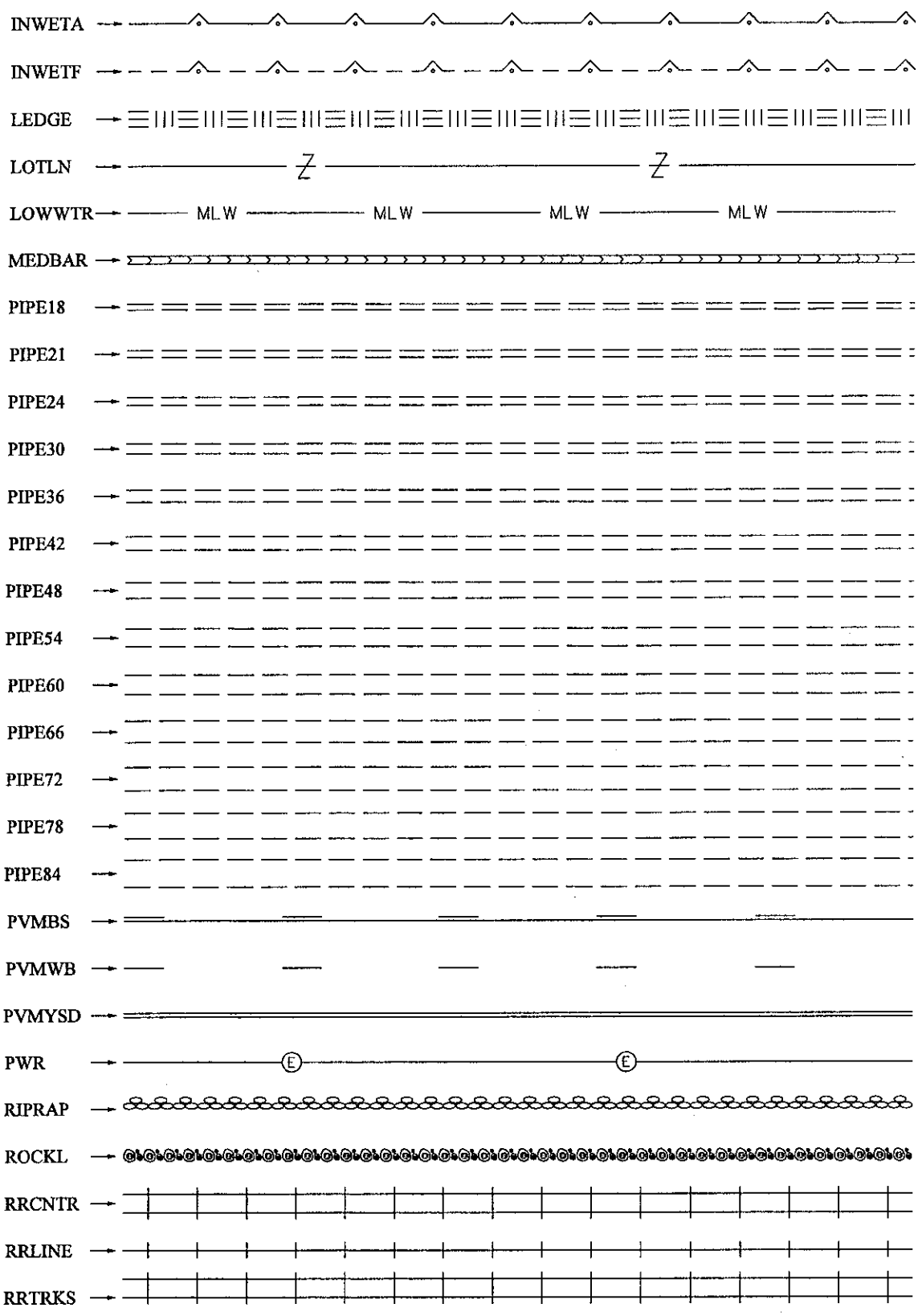

ME48
MECEL
METERE
METERG
METERP
METERW
MHELE
MHGEN
MHSAN
MHSTR
MHTEL
MON
MS
MSNF
MTLPO
NOTEPM
NOTERT
ESM'T TO MAINTAIN
ENDWALL & 42" RCP
NOTERW
OBJMKR
PAR1
PAR2
PAR3
PAR4
PAR5
PAR6
PAR7
PAR8
PED
PEDWLK
PILLAR
PLSMIN
POL
POLCAN
POSTAL
PRELIMINARY
PRELIM
PROCYL
PROPSY
PROTNK
PVMHOV
PWRSY
RADIUS
POINT
RADIUS
RANDNF
RANDOM
REGPT
REGPTH

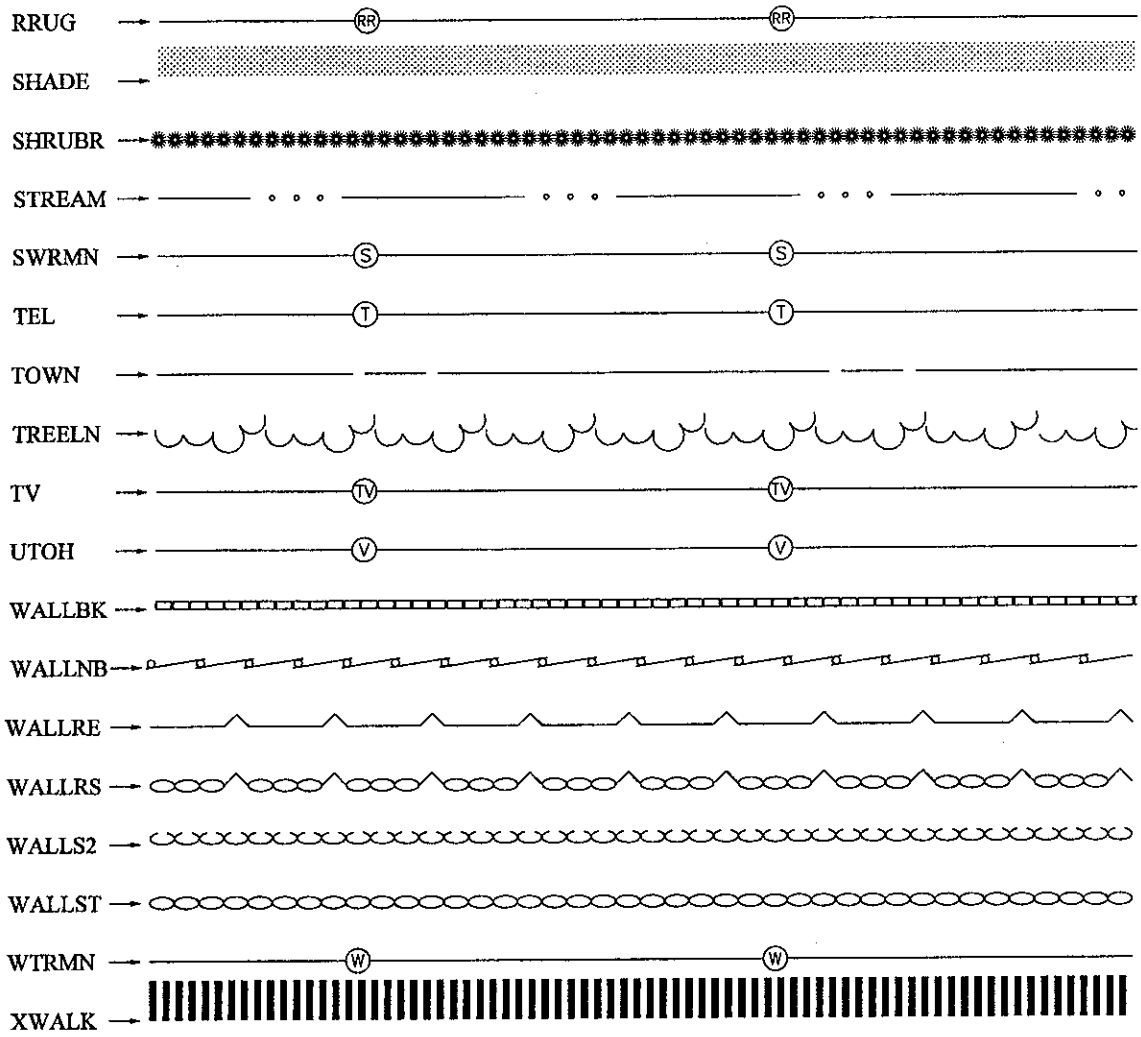

REGPTV
REVBOX
REVST1
REVST2
REVST3
REVST4
REVST5
REVST6
RIP2
ROCK
RRCATD
RRCATS
RRCATX
RRFGSY
RRFLLT
RRGATE
RRLT
RRLTDW
RRSUP
RRSWBX
RRSWSY
RRUGSY
RRUPOH
RRUPOO
RRVAL
RTSYI
RTSYST
RTSYUS
SANDIB
SDISH
SGN
SGNDF
SGNDP
SGNPO
SGNST
SHRUB
SILLEL
SPAN
SPOT
SPOTEL
SPRINK
STLNSY
STONES
SUMP
SWAMP

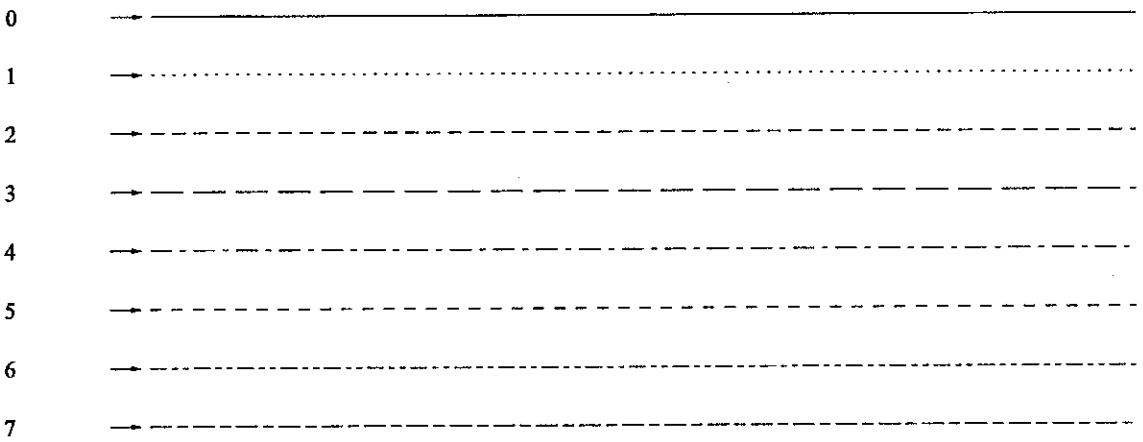

TCBOX
TELBOX
TELEPH
TELPAY
TELSY
TERM
TIEBOX
TIEDWN
TREEDC
TREEVR
TRTWR
TTLGRN
TTLLOC
TTLPHO
TTLRR
TVBOX
TVSY
TWNMON
UPO
UPOLT
UPOS
UTOHSY
WDPST
WELL
WELLM
WLKRMP
WTRGT
WTRMSY

2.2 Custom Linestyles - The following line conventions were taken from the supplied MicroStation custom linestyle resouce file, "ctdoteng40.rsc". MicroStation linestyle numbers one (1) through seven (7) immediately follow.



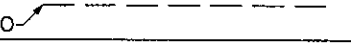
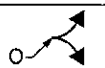
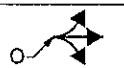

INWETA
INWETF
LEDGE
LOTLN
LOWWTR
MLW
MLW
MLW
MLW
MEDBAR
PIPE18
PIPE21
PIPE24
PIPE30
PIPE36
PIPE42
PIPE48
PIPE54
PIPE60
PIPE66
PIPE72
PIPE78
PIPE84
PVMBS
PVMWB
PVMYSD
PWR
RIPRAP
ROCKL
RRCNTR
RRLINE
RRTRKS


RRUG
SHADE
SHRUBR
STREAM
SWRMN
TEL
TOWN
TREELN
TV
UTOH
WALLBK
WALLNB
WALLRE
WALLRS
WALLS2
WALLST
WTRMN
XWALK
RR
S
T
TV
V
W


0
1
2
3
4
5
6
7

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
ATHFLD	311	AF		ATHLETIC FIELD	36	80	0		3		35 MISC TOPO	35	87	0
SWPOOL	121	AG		SWIMMING POOL (ABOVE GROUND)	40	80	0		0		39 BUILDINGS	39	113	0
ARWL	135	AL		PVMT ARROW LEFT	24	80	0	ARWL			23 PAVEMENT MARKINGS	23	224	1
ARWLR	136	ALR		PVMT ARROW LEFT/RIGHT	24	80	0	ARWLR			23 PAVEMENT MARKINGS	23	224	1
APOINT	418	AP		ACTIVE PT FOR LOCATION SHOTS	V	V	V	APOINT			63 MISC	63	4	4
ARWR	137	AR		PVMT ARROW RIGHT	24	80	0	ARWR			23 PAVEMENT MARKINGS	23	224	1
ARWS	138	AS		PVMT ARROW STRAIGHT	24	80	0	ARWS			23 PAVEMENT MARKINGS	23	224	1
ARWSL	139	ASL		PVMT ARROW STRAIGHT/LEFT	24	80	0	ARWSL			23 PAVEMENT MARKINGS	23	224	1
ARWSLR	140	ASLR		PVMT ARROW STRAIGHT/LEFT/RIGHT	24	80	0	ARWSLR			23 PAVEMENT MARKINGS	23	224	1
ARWSR	142	ASR		PVMT ARROW STRAIGHT/RIGHT	24	80	0	ARWSR			23 PAVEMENT MARKINGS	23	224	1
ATRKI	554	ATA		RR CAT TOWER AMTRACK 1	18	80	0	ATRK1			17 RR UTILITIES	17	64	0
ATRKII	555	ATB		RR CAT TOWER AMTRACK 2	18	80	0	ATRK2			17 RR UTILITIES	17	64	0
ATRKII	556	ATC		RR CAT TOWER AMTRACK 2A	18	80	0	ATRK2A			17 RR UTILITIES	17	64	0
ATRKII	557	ATD		RR CAT TOWER AMTRACK 3	18	80	0	ATRK3			17 RR UTILITIES	17	64	0
ATRKIV	558	ATE		RR CAT TOWER AMTRACK 4	18	80	0	ATRK4			17 RR UTILITIES	17	64	0
ATRKV	559	ATF		RR CAT TOWER AMTRACK 5	18	80	0	ATRK5			17 RR UTILITIES	17	64	0

V = VARIOUS

*TEXT: FONT = 1 (WORKING), UPPERCASE, WIDTH = HEIGHT, SIZE BASED ON LEROY.

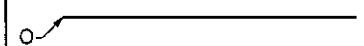
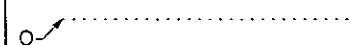
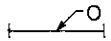
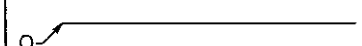
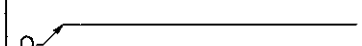
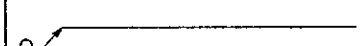
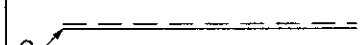
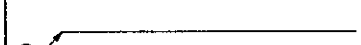
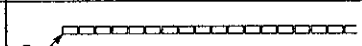
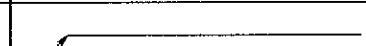
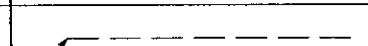
**CELL ORIGIN IS THE CENTER UNLESS OTHERWISE NOTED. O↘

FIELD ITEMS ONLY

LISTED BY "ALPHA"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
ATRKVI	560	ATG		RR CAT TOWER AMTRACK 6	18	80	0	ATRK6			17 RR UTILITIES	17	64	0
ATRKVI	561	ATH		RR CAT TOWER AMTRACK 7	18	80	0	ATRK7			17 RR UTILITIES	17	64	0
BLDG	201	B		BUILDING	40	80	0		0		39 BUILDINGS	39	48	2
BALLST	552	BAL		EDGE OF RR BALLAST	16	80	0		1		16 RR TRACKS	16	224	0
BBRD	305	BB		BILLBOARD	20	80	0	BBRD			19 SIGNS/POSTS/POLES	19	160	0
BBRDL	334	BBL		BILLBOARD (LINEAR)	20	80	0		0		19 SIGNS/POSTS/POLES	19	162	0
CRBBCL	104	BC		BIT CONCRETE LIP CURBING	28	80	0		0		27 ROADWAY/LEAKOFFS	27	17	0
DITCH	119	BD		PAVED/BIT DITCH	3	80	0		0		02 DITCHES	2	96	0
FEBRD	116	BF		BOARD FENCE	32	80	0		FEBRD		31 FENCES	31	208	0
WLKBK	100	BKW		BRICK WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	21	0
WALLBK	223	BKWL		BRICK WALL	32	80	0		WALLBK		31 WALLS	31	16	0
BRKLN	999	BL		BREAKLINE	56	80	0		0		56 BREAKLINES	56	10	0
LOBIT	217	BLO		BITUMINOUS LEAKOFF	28	80	0		3		27 ROADWAY/LEAKOFFS	27	19	0
BM	516	BM		BENCH MARK	45	80	0	BM			45 CONTROL	45	16	1
BORING	228	BOR		BORING	46	80	0	BORING			45 CONTROL	46	32	1
BP	326	BP		BRASS PIN (FOUND)	44	80	0	BP			43 MONUMENTATION	43	64	1

V = VARIOUS

*TEXT: FONT = 1 (WORKING), UPPERCASE, WIDTH = HEIGHT, SIZE BASED ON LEROY.

**CELL ORIGIN IS THE CENTER UNLESS OTHERWISE NOTED. O↘

FIELD ITEMS ONLY

LISTED BY "ALPHA"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
CRBBCP	143	BPC		4IN BIT PARK CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	20	0
BRIDGE	520	BR		BRIDGE	38	80	0		0		37 BRIDGES	37	48	0
BARRI	299	BRA		CONSTRUCTION BARRICADE TYPE 1	26	80	0	BARR1			25 BARRIERS/GUIDE RAILS/POSTS	25	224	0
BARRII	300	BRB		CONSTRUCTION BARRICADE TYPE 2	26	80	0	BARR2			25 BARRIERS/GUIDE RAILS/POSTS	25	225	0
WLKBLU	368	BSW		BLUESTONE WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	112	0
WLKBC	108	BW		BITUMINOUS WALK	30	80	0		3		29 WALKS/STEPS/DECKS	29	20	0
CULV	650	BX		BOX CULVERT	6	80	0		3		04 MISC PIPES	4	32	0
BLDGC	202	BZ		BUILDING (CLOSED)	40	80	0		0		39 BUILDINGS	39	58	2
CBC	601	C		C CB	6	80	0	CBC			05 CATCH BASINS/MANHOLES	5	112	0
CULT	499	CA		CULTIVATED AREA	34	80	0		3		33 TREES/VEGETATION	33	80	0
POLCAN	365	CAN		TELEPHONE CAN ON POLE	10	80	0	POLCAN			10 COMMUNICATIONS	10	37	0
TVBOX	364	CB		CABLE TV BOX /DOME	10	80	0	TVBOX			10 COMMUNICATIONS	10	36	0
CRBCON	105	CC		CONCRETE CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	224	0
RCEE	801	CEE		12IN RCCE	6	80	0	CE12			05 CONCRETE ENDS	5	147	0
RCEF	802	CEF		15IN RCCE	6	80	0	CE15			05 CONCRETE ENDS	5	148	0
RCEG	803	CEG		18IN RCCE	6	80	0	CE18			05 CONCRETE ENDS	5	149	0

V = VARIOUS

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FIELD ITEMS ONLY

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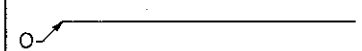
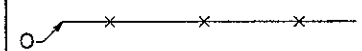
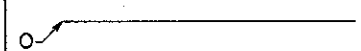
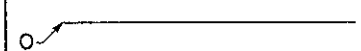
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
RCEH	804	CEH		21IN RCCE	6	80	0	CE21			05 CONCRETE ENDS	5	150	0
RCEI	805	CEI		24IN RCCE	6	80	0	CE24			05 CONCRETE ENDS	5	151	0
RCEK	806	CEK		30IN RCCE	6	80	0	CE30			05 CONCRETE ENDS	5	152	0
RCEM	807	CEM		36IN RCCE	6	80	0	CE36			05 CONCRETE ENDS	5	153	0
RCEN	808	CEN		42IN RCCE	6	80	0	CE42			05 CONCRETE ENDS	5	145	0
RCEO	809	CEO		48IN RCCE	6	80	0	CE48			05 CONCRETE ENDS	5	146	0
CBCG	607	CG		CG CB	6	80	0	CBCG			05 CATCH BASINS/MANHOLES	5	113	0
CGS	522	CGS		CT GEODETIC SURVEY MONUMENT	45	80	0	CGS			45 CONTROL	45	64	1
CHD	318	CHD		CHD MONUMENT (FOUND)	44	80	0	CHD			43 MONUMENTATION	43	96	1
CHKPT	203	CHK		CHECK SHOT	46	80	0	CHKPT			45 FIELD CHECKS	46	81	1
PIPCI	158	CIP		CAST IRON PIPE	6	80	0		3		04 MISC PIPES	4	112	0
CBCL	602	CLB		C-L CB	6	80	0	CBCL			05 CATCH BASINS/MANHOLES	5	114	0
FECHLK	113	CLF	WRF	CHAIN LINK/WIRE FENCE	32	80	0		FECHLK		31 FENCES	31	226	0
PIPCL	157	CLP		CLAY PIPE	6	80	0		3		04 MISC PIPES	4	113	0
CMP	720	CMP		CMP > 48IN	6	80	0		3		04 METAL PIPES	4	128	0
CPT	322	CP		CONTROL POINT (TRAVERSE POINT)	45	80	0	CPT			45 CONTROL	45	112	1

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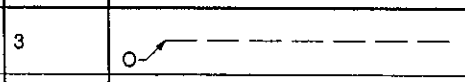
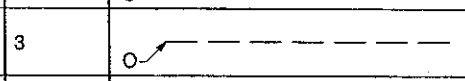
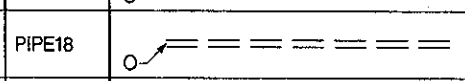
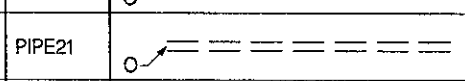
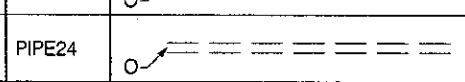
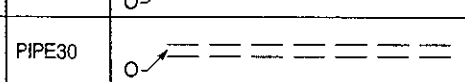
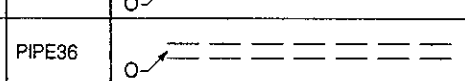
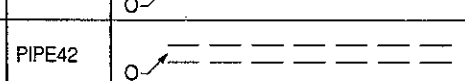
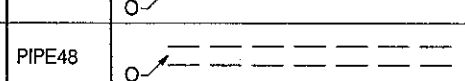
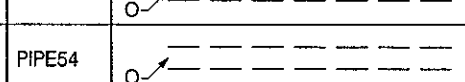
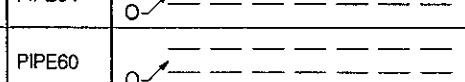
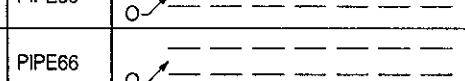
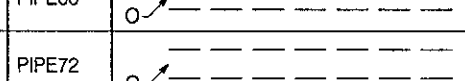
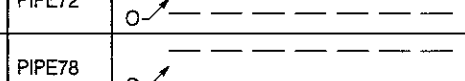
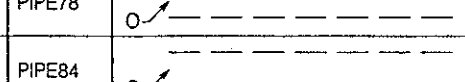
RCPE	701	CPE		12IN RCP	6	80	0		3		04 CONCRETE PIPES	4	147	0
RCPF	702	CPF		15IN RCP	6	80	0		3		04 CONCRETE PIPES	4	148	0
RCPG	703	CPG		18IN RCP	6	80	0		PIPE18		04 CONCRETE PIPES	4	149	0
RCPH	704	CPH		21IN RCP	6	80	0		PIPE21		04 CONCRETE PIPES	4	150	0
RCPI	705	CPI		24IN RCP	6	80	0		PIPE24		04 MISC PIPES	4	151	0
RCPK	706	CPK		30IN RCP	6	80	0		PIPE30		04 CONCRETE PIPES	4	152	0
RCPM	707	CPM		36IN RCP	6	80	0		PIPE36		04 CONCRETE PIPES	4	153	0
RCPN	708	CPN		42IN RCP	6	80	0		PIPE42		04 CONCRETE PIPES	4	145	0
RCPO	709	CPO		48IN RCP	6	80	0		PIPE48		04 CONCRETE PIPES	4	146	0
RCPP	741	CPP		54IN RCP	6	80	0		PIPE54		04 CONCRETE PIPES	4	154	0
RCPQ	742	CPQ		60IN RCP	6	80	0		PIPE60		04 CONCRETE PIPES	4	155	0
RCPR	743	CPR		66IN RCP	6	80	0		PIPE66		04 CONCRETE PIPES	4	156	0
RCPS	744	CPS		72IN RCP	6	80	0		PIPE72		04 CONCRETE PIPES	4	157	0
RCPT	745	CPT		78IN RCP	6	80	0		PIPE78		04 CONCRETE PIPES	4	158	0
RCPU	746	CPU		84IN RCP	6	80	0		PIPE84		04 CONCRETE PIPES	4	159	0
CRWN	907	CR		CROWN OF ROAD	56	80	0		1		56 ROAD BREAKLINES	56	3	0

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
WALLCR	224	CRW		POURED CONC RET WALL	32	80	0		WALLRE		31 WALLS	31	229	0
STEPC	110	CS		CONC STEPS	30	80	0		0		29 WALKS/STEPS/DECKS	29	225	0
TREEVR	502	CT		CONIFEROUS TREE	34	80	0	TREEVR			33 TREES/VEGETATION	33	86	0
RRCATD	242	CTD		RR CAT TOWER-DBL	18	80	0	RRCATD			17 RR UTILITIES	17	64	0
CLINE	122	CTL		ROAD CENTERLINE	56	80	0		4		56 ROAD BREAKLINES	56	3	0
RRCATS	240	CTS		RR CAT TOWER-SINGLE	18	80	0	RRCATS			17 RR UTILITIES	17	64	0
RRCATX	241	CTX		RR CAT TOWER-TYPE X	18	80	0	RRCATX			17 RR UTILITIES	17	64	0
WLKC	109	CW		CONCRETE WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	226	0
PROCYL	355	CYL		HOUSEHOLD PROPANE CYLINDER	15	80	0	PROCYL			14 PROPANE/AC	14	51	0
DAM	415	DAM		DAM	3	80	0		0		02 COURSES/WETLANDS	2	224	0
CBDC	603	DC		DBL C CB	6	80	0	CBDC			05 CATCH BASINS/MANHOLES	5	116	0
CBDCE	605	DCE		DBL C CB (END-TO-END)	6	80	0	CBDCE			05 CATCH BASINS/MANHOLES	5	117	0
CBDCL	604	DCL		DBL CL CB	6	80	0	CBDCL			05 CATCH BASINS/MANHOLES	5	118	0
CBDCLE	606	DCLE		DBL C-L CB (END-TO-END)	6	80	0	CBDCLE			05 CATCH BASINS/MANHOLES	5	119	0
DITCHE	160	DD		DIRT/EARTH DITCH	3	80	0		3		02 DITCHES	2	97	0
SGNDF	222	DF		SIGN-DBL FACE	20	80	0	SGNDF			19 SIGNS/POSTS/POLES	19	97	0

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CBDG	624	DG		D-G ENDWALL	6	80	0	CBDG			05 CATCH BASINS/MANHOLES	5	120	0
GRAILD	405	DGR		DOUBLE GUIDE RAIL	26	80	0		GRAILD		25 BARRIERS/GUIDE RAILS/POSTS	25	128	0
DH	325	DH		DRILL HOLE (FOUND)	44	80	0	DH			43 MONUMENTATION	43	208	1
DLINR	324	DL		REFLECTIVE DELINEATOR	20	80	0	DLINR			19 SIGNS/POSTS/POLES	19	64	0
LGTDBL	351	DLT		DOUBLE LUMINAIRE	20	80	0	LGTDBL			19 ILLUMINATION	19	52	0
SGNDP	323	DP		SIGN-DOUBLE POST	20	80	0	SGNDP			19 SIGNS/POSTS/POLES	19	98	0
SDISH	292	DSH		SATELLITE DISH	15	80	0	SDISH			14 OVERHEAD UTILITIES/POLES	14	32	0
TREEDC	501	DT		DECIDUOUS TREE	34	80	0	TREEDC			33 TREES/VEGETATION	33	84	0
PVMWB	133	DW		PVT MRK-BROKEN LINE	24	80	0		PVMWB		23 PAVEMENT MARKINGS	23	227	2
PVMYBS	131	DYY		PVT MRK-BRKN AND SOLID LINES	24	80	0		PVMBS		23 PAVEMENT MARKINGS	23	56	2
ERDBIT	101	EB	BDR	EDGE OF BITUMINOUS ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	18	0
ERDCON	102	EC	CDR	EDGE OF CONCRETE ROAD	28	80	0		10FT		27 ROADWAY/LEAKOFFS	27	225	0
ERDDRT	103	ED	DDR	EDGE OF DIRT ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	208	0
EES	904	EES		EARTH TOE SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	5	0
EFILL	910	EF		EARTH FILL	56	80	0		2		56 EARTH BREAKLINES	56	5	0
ERDGRV	215	EG	GDR	EDGE OF GRAVEL ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	32	0

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LAWN	500	EL		EDGE OF LAWN	34	80	0		3		33 TREES/VEGETATION	33	82	0
LOERTH	218	ELO		EARTH LEAKOFF	28	80	0		3		27 ROADWAY/LEAKOFFS	27	80	0
MHELE	429	EMH		ELECTRIC MANHOLE	11	80	0	MHELE			11 ELECTRIC	11	17	0
METERE	362	EMT		ELECTRIC METER	11	80	0	METERE			11 ELECTRIC	11	19	0
GRENDA	128	END		GUIDE RAIL END ANCHORAGE	26	80	0	GRENDA			25 BARRIERS/GUIDE RAILS/POSTS	25	177	2
EPS	903	EPS		EARTH TOP SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	1	0
PVCCON	616	EPVC		ELECTRICAL PVC CONDUIT	22	80	0		3		21 SIGNAL DEVICES	21	18	0
STREAM	118	ES		EDGE STREAM /WATER COURSE	3	80	0		STREAM		02 COURSES/WETLANDS	2	119	0
EBOXSP	357	ESB		ELECTRIC SPLICE BOX	11	80	0	EBOXSP			11 ELECTRIC	11	20	0
EBOXTR	422	ETB		ELECTRIC TRANSFORMER BOX	11	80	0	EBOXTR			11 ELECTRIC	11	16	0
EDGWTR	117	EW		EDGE WATER BODY (POND/LAKE)	3	80	0		EDGH2O		02 COURSES/WETLANDS	2	113	0
WALLEN	419	EWL	HWL	ENDWALL	6	80	0		0		05 MISC DRAINAGE	5	225	0
EX	902	EX		EARTH EXCAVATION	56	80	0		2		56 EARTH BREAKLINES	56	5	0
COOLER	360	FAN		INDUSTRIAL COOLING STRUCTURE	15	80	0		0		14 PROPANE/AC	14	22	0
FOOTBR	521	FB		FOOT BRIDGE	38	80	0		0		37 BRIDGES	37	96	0
FES	909	FES		FINAL TOE SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	5	0

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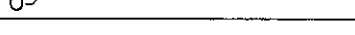
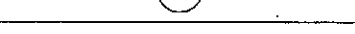
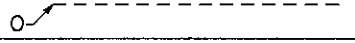
FIRHYD	308	FH		FIRE HYDRANT	13	80	0	FIRHYD			13 WATER UTILITIES	13	16	0
FLEL	154	FL		FLOW LINE W/ELEVATION	59	80	0	FLEL			58 MASS PTS/SPOT SHOTS	59	5	1
FLGPO	302	FLG		FLAG POLE	20	80	0	FLGPO			19 SIGNS/POSTS/POLES	19	161	0
FLNOEL	155	FLN		FLOW LINE (NO ELEV.)	46	80	0	FLNOEL			45 CONTROL	46	1	1
LGTFLD	721	FLT		FLOOD LIGHT	20	80	0	LGTFLD			19 ILLUMINATION	19	48	0
FEDMKR	161	FM		FEDERAL AID MARKER	44	80	0	FEDMKR			43 MONUMENTATION	43	80	0
FILLP	309	FP		FILLER PIPE	36	80	0	FILLP			35 GAS STATIONS	35	48	0
FPS	908	FPS		FINAL TOP SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	1	0
FRES	919	FRES		FINAL ROCK TOE SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	5	0
RRFGSY	243	FRG		RR FROG SYMBOL	18	80	0	RRFGSY			17 RR UTILITIES	17	65	0
FRPS	918	FRPS		FINAL ROCK TOP SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	1	0
GATE	165	GA		GATE POST	32	80	0	GATE			31 FENCES	31	80	0
CRBGR	126	GC		GRANITE CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	96	0
GASGT	403	GG		GAS GATE	12	80	0	GASGT			12 NATURAL GAS	12	48	0
GUTTER	906	GL		GUTTER LINE	56	80	0		2		56 ROAD BREAKLINES	56	5	0
GASM	404	GM		GAS MAIN	12	80	0		GASM		12 NATURAL GAS	12	49	0

V = VARIOUS

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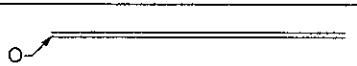
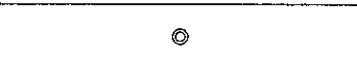
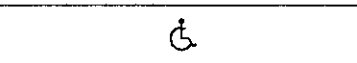
EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
METERG	361	GMT		GAS METER	12	80	0	METERG			12 NATURAL GAS	12	51	0
GASPMP	310	GP		GAS PUMP	36	80	0	GASPMP			35 GAS STATIONS	35	49	0
GASREG	366	GRV		GAS REGULATOR VAULT	12	80	0	GASREG			12 NATURAL GAS	12	53	0
CRBGRS	127	GSC		GRANITE SLOPED CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	97	0
GASTEL	367	GTB		GAS TELEMETRY BOX	12	80	0	GASTEL			12 NATURAL GAS	12	52	0
GASVP	159	GVP		GAS VENT PIPE	12	80	0	GASVP			12 NATURAL GAS	12	50	0
WLKG	214	GW		GRAVEL WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	32	0
GUYWIR	409	GY		GUY WIRE	15	80	0	GUYWIR			14 OVERHEAD UTILITIES/POLES	14	17	0
GUYPOL	398	GYP		GUY POLE	15	80	0	GUYPOL			14 OVERHEAD UTILITIES/POLES	14	16	0
REGPTH	196	H		REG. POINT DTM-HORIZ	46	80	0	REGPTH			45 CONTROL	46	83	0
HH	608	HH		HANDHOLE	22	80	0	HH			21 SIGNAL DEVICES	21	16	0
PVMHOV	125	HOV		PVT MRK-HOV DIAMOND	24	80	0	PVMHOV			23 PAVEMENT MARKINGS	23	224	1
HANDI	148	HP		HANDICAP PARKING	24	80	0	HANDI			23 PAVEMENT MARKINGS	23	225	1
HEDGES	505	HR		HEDGE ROW	34	80	0		HEDGES		33 TREES/VEGETATION	33	81	0
REGPT	197	HV		REG. POINT DTM-HORIZ & VERT	46	80	0	REGPT			45 CONTROL	46	82	0
SWPOIN	216	IG		IN GROUND SWIMMING POOL	40	80	0		0		39 BUILDINGS	39	112	0

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IP	321	IP		IRON PIN/PIPE (FOUND)	44	80	0	IP			43 MONUMENTATION	43	226	1
MEDBAR	107	JER		CONC MEDIAN BARRIER	26	80	0		MEDBAR		25 BARRIERS/GUIDE RAILS/POSTS	25	226	0
LGTGEN	257	L		GENERAL PURPOSE LAMP	20	80	0	LGTGEN			19 ILLUMINATION	19	49	0
LOOP	144	LD		LOOP DETECTOR	22	80	0		0		21 SIGNAL DEVICES	21	17	0
MAILL	337	LMB		MAILBOX (LINEAR)	36	80	0		0		35 MISC TOPO	35	231	0
LEDGE	221	LO		LEDGE OUTCROP	36	80	0		LEDGE		35 STONES/ROCK	35	208	0
SGNLS	298	LS		SIGN (LINEAR)	20	80	0		0		19 SIGNS/POSTS/POLES	19	102	0
MAILBX	306	MB		MAILBOX	36	80	0	MAILBX			35 MISC TOPO	35	224	0
GRAILS	106	MBR		GUIDE RAIL	26	80	0		0		25 BARRIERS/GUIDE RAILS/POSTS	25	176	0
MCE	820	MCE		MCE > 48IN	6	80	0		0		05 METAL ENDS	5	128	0
MCECEL	821	MCEC		MCE > 48IN CELL	6	80	0	MECEL			05 METAL ENDS	5	128	0
MCEE	812	MEE		12IN MCE	6	80	0	ME12			05 METAL ENDS	5	131	0
MCEF	813	MEF		15IN MCE	6	80	0	ME15			05 METAL ENDS	5	132	0
MCEG	814	MEG		18IN MCE	6	80	0	ME18			05 METAL ENDS	5	133	0
MCEH	822	MEH		21IN MCE	6	80	0	ME21			05 METAL ENDS	5	134	0
MCEI	815	MEI		24IN MCE	6	80	0	ME24			05 METAL ENDS	5	135	0

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MCEK	816	MEK		30IN MCE	6	80	0	ME30			05 METAL ENDS	5	136	0
MCEM	817	MEM		36IN MCE	6	80	0	ME36			05 METAL ENDS	5	137	0
MCEN	818	MEN		42IN MCE	6	80	0	ME42			05 METAL ENDS	5	129	0
MCEO	819	MEO		48IN MCE	6	80	0	ME48			05 METAL ENDS	5	130	0
MHGEN	359	MH		GENERIC MANHOLE	15	80	0	MHGEN			14 OVERHEAD UTILITIES/POLES	14	230	0
EDGMAR	219	ML		MARSH LIMITS	3	80	0		3		02 COURSES/WETLANDS	2	114	0
MON	319	MON		CONCRETE MONUMENT	44	80	0	MON			43 MONUMENTATION	43	224	0
CMPE	712	MPE		12IN CMP	6	80	0		3		04 METAL PIPES	4	131	0
CMPF	713	MPF		15IN CMP	6	80	0		3		04 METAL PIPES	4	132	0
CMPG	714	MPG		18IN CMP	6	80	0		PIPE18		04 METAL PIPES	4	133	0
CMPH	722	MPH		21IN CMP	6	80	0		PIPE21		04 METAL PIPES	4	134	0
CMPI	715	MPI		24IN CMP	6	80	0		PIPE24		04 METAL PIPES	4	135	0
CMPK	716	MPK		30IN CMP	6	80	0		PIPE30		04 METAL PIPES	4	136	0
CMPM	717	MPM		36IN CMP	6	80	0		PIPE36		04 METAL PIPES	4	137	0
CMPN	718	MPN		42IN CMP	6	80	0		PIPE42		04 METAL PIPES	4	129	0
CMPO	719	MPO		48IN CMP	6	80	0		PIPE48		04 METAL PIPES	4	130	0

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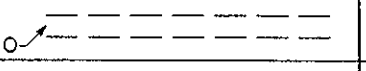
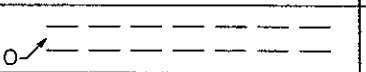
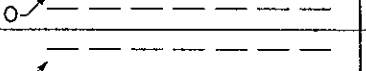
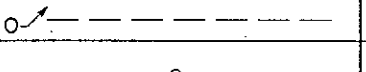
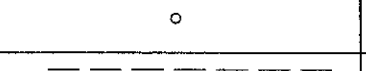
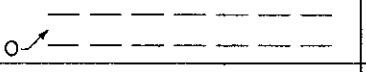
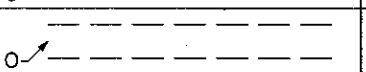
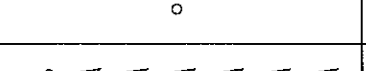
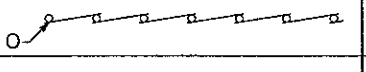
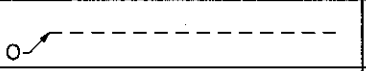
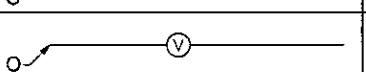
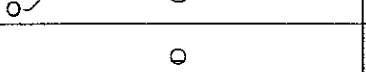
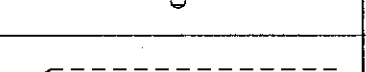
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
CMPP	731	MPP		54IN CMP	6	80	0		PIPE54		04 METAL PIPES	4	138	0
CMPQ	732	MPQ		60IN CMP	6	80	0		PIPE60		04 METAL PIPES	4	139	0
CMPR	733	MPR		66IN CMP	6	80	0		PIPE66		04 METAL PIPES	4	140	0
CMPS	734	MPS		72IN CMP	6	80	0		PIPE72		04 METAL PIPES	4	141	0
MTLPO	336	MPST	CPST	METAL /CONC POST	20	80	0	MTLPO			19 SIGNS/POSTS/POLES	19	226	0
CMPT	735	MPT		78IN CMP	6	80	0		PIPE78		04 METAL PIPES	4	142	0
CMPU	736	MPU		84IN CMP	6	80	0		PIPE84		04 METAL PIPES	4	143	0
MS	327	MS		MERESTONE (FOUND)	44	80	0	MS			43 MONUMENTATION	43	210	1
WELLM	397	MW		MONITOR WELL	36	80	0	WELLM			35 GAS STATIONS	35	129	0
WALLNB	350	NB		NOISE BARRIER WALL	32	80	0		WALLNB		31 WALLS	31	213	0
OG	901	OG		ORIGINAL GROUND	56	80	0		2		56 EARTH BREAKLINES	56	5	0
UTOH	428	OH		OVERHEAD UTILITY WIRES	15	80	0		UTOH		14 OVERHEAD UTILITIES/POLES	14	23	0
OBJMKR	370	OM		OBJECT MARKER	20	80	0	OBJMKR			19 SIGNS/POSTS/POLES	19	101	0
OR	911	OR		ORIGINAL ROCK	56	80	0		2		56 ROCK BREAKLINES	56	5	0
ORES	914	ORES		ORIGINAL ROCK TOE SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	5	0
ORPS	913	ORPS		ORIGINAL ROCK TOP SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	1	0

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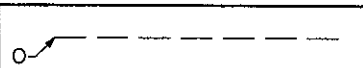
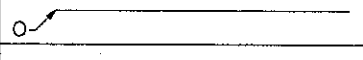
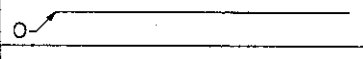
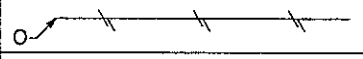
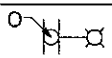
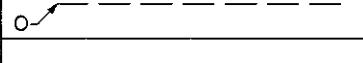
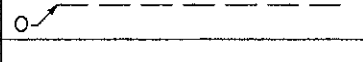
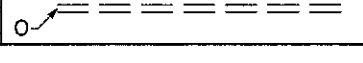
OVRHNG	205	OV		OVERHANG	40	80	0		3		39 BUILDINGS	39	192	0
CONPAD	347	PAD		CONCRETE PAD	30	80	0		0		29 WALKS/STEPS/DECKS	29	230	0
PARA	204	PAR		PARAPET	38	80	0		0		37 BRIDGES	37	160	0
PATIO	313	PAT		PATIO	40	80	0		0		39 BUILDINGS	39	224	0
TELPAY	424	PAY		PAY PHONE	15	80	0	TELPAY			14 OVERHEAD UTILITIES/POLES	14	33	0
PED	414	PED		PEDESTAL	22	80	0	PED			21 SIGNAL DEVICES	21	193	0
FEPICK	114	PF	SRF	PICKET/RUSTIC/SPLIT RAIL FENCE	32	80	0		FEPICK		31 FENCES	31	210	0
PILLAR	164	PLR		STONE PILLAR (AT END OF DRIVE)	36	80	0	PILLAR			35 MISC TOPO	35	232	0
LGTPAR	510	PLT		LUMINAIRE ON PARAPET	20	80	0	LGTPAR			19 ILLUMINATION	19	50	0
METERP	353	PMT		PARKING METER	36	80	0	METERP			35 MISC TOPO	35	225	0
POSTAL	369	POB		US POSTAL BOX	36	80	0	POSTAL			35 MISC TOPO	35	33	0
STONES	151	POS		PILE OF STONES	36	80	0	STONES			35 STONES/ROCK	35	212	0
PIPPVC	156	PP		PVC PIPE	6	80	0		3		04 MISC PIPES	4	114	0
PVCE	651	PPE	PCE	12IN PVC /CORR PIPE	6	80	0		3		04 PLASTIC PIPES	4	224	0
PVCF	652	PPF	PCF	15IN PVC /CORR PIPE	6	80	0		3		04 PLASTIC PIPES	4	225	0
PVCG	653	PPG	PCG	18IN PVC /CORR PIPE	6	80	0		PIPE18		04 PLASTIC PIPES	4	226	0

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PVCH	654	PPH	PCH	21IN PVC /CORR PIPE	6	80	0		PIPE21		04 PLASTIC PIPES	4	227	0
PVCI	655	PPI	PCI	24IN PVC /CORR PIPE	6	80	0		PIPE24		04 PLASTIC PIPES	4	228	0
PVCK	656	PPK	PCK	30IN PVC /CORR PIPE	6	80	0		PIPE30		04 PLASTIC PIPES	4	229	0
PVCM	657	PPM	PCM	36IN PVC /CORR PIPE	6	80	0		PIPE36		04 PLASTIC PIPES	4	230	0
PVCN	658	PPN	PCN	42IN PVC /CORR PIPE	6	80	0		PIPE42		04 PLASTIC PIPES	4	231	0
PVCO	659	PPO	PCO	48IN PVC /CORR PIPE	6	80	0		PIPE48		04 PLASTIC PIPES	4	232	0
PVCP	660	PPP	PCP	54IN PVC /CORR PIPE	6	80	0		PIPE54		04 PLASTIC PIPES	4	233	0
PVCQ	661	PPQ	PCQ	60IN PVC /CORR PIPE	6	80	0		PIPE60		04 PLASTIC PIPES	4	234	0
PIER	200	PR		PIER	38	80	0		0		37 BRIDGES	37	176	0
FEPIPE	115	PRF		PIPE RAIL FENCE	32	80	0		FEPIPE		31 FENCES	31	224	0
PROTNK	356	PTK		PROPANE TANK	15	80	0	PROTNK			14 PROPANE/AC	14	52	0
PWR	410	PWR		UNDERGROUND POWER LINE	11	80	0		PWR		11 ELECTRIC	11	18	0
PEDWLK	423	PX	WLK	PEDESTRIAN X-WALK POLE /SIGNAL	22	80	0	PEDWLK			21 SIGNAL DEVICES	21	194	0
ROCK	150	RK		ROCK/BOULDER	36	80	0	ROCK			35 STONES/ROCK	35	210	0
RANDOM	320	RAN		RANDOM/CONTROL MONUMENT	45	80	0	RANDOM			45 CONTROL	45	50	1
RCE	810	RCE		RCCE > 48IN LINEAR	6	80	0		0		05 CONCRETE ENDS	5	144	0

V=VARIOUS

*TEXT: FONT=1 (WORKING), UPPERCASE, WIDTH=HEIGHT, SIZE BASED ON LEROY.

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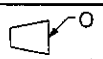
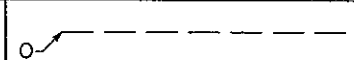
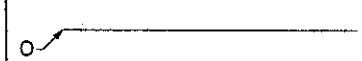
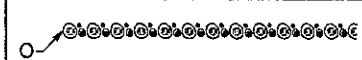
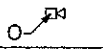
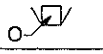
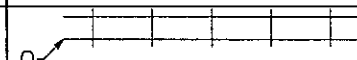
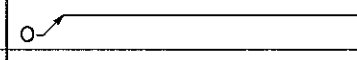
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
RCECEL	811	RCEC		RCCE > 48IN CELL	6	80	0	CECEL			05 CONCRETE ENDS	5	144	0
CBRCL	622	RCL		ROUND DRAIN	6	80	0	CBRCL			05 CATCH BASINS/MANHOLES	5	121	0
RCP	710	RCP		RCP > 48IN	6	80	0		3		04 CONCRETE PIPES	4	144	0
RRLTDW	248	RDW		RR DWARF LIGHT	18	80	0	RRLTDW			17 RR UTILITIES	17	69	0
RECEQ	312	REC		RECREATION EQUIPMENT	36	80	0		0		35 MISC TOPO	35	209	0
RRFLLT	245	RFL		RR FLASHING LIGHT STRUCTURE	18	80	0	RRFLLT			17 RR UTILITIES	17	66	0
RRUPOH	249	RH		RR UTILITY POLE H	18	80	0	RRUPOH			17 RR UTILITIES	17	74	0
RIPRAP	416	RIP		RIPRAP (LINEAR)	6	80	0		RIPRAP		05 MISC DRAINAGE	5	208	0
ROCKL	163	RL		ROCK/BOULDER (LINEAR)	36	80	0		ROCKL		35 STONES/ROCK	35	214	0
RRLT	247	RLT		RR LIGHT	18	80	0	RRLT			17 RR UTILITIES	17	68	0
WLKRMP	141	RMP		SIDEWALK RAMP	30	80	0	WLKRMP			29 WALKS/STEPS/DECKS	29	226	0
RRUPOO	553	RO		RR UTILITY POLE O	18	80	0	RRUPOO			17 RR UTILITIES	17	74	0
RRTRKS	112	RR		RR TRACKS (RAIL LOCATED)	16	80	0		RRTRKS		16 RR TRACKS	16	65	0
RRBRK	992	RRB		RAIL BREAKLINE (RAIL LOCATED)	16	80	0		0		16 RR TRACKS	16	65	0
RRCNTR	261	RRCL		RR TRACKS (CENTER LOCATED)	16	80	0		RRCNTR		16 RR TRACKS	16	192	0
RRXSY	124	RRX		RR X-ING PAVEMENT MARKING	24	80	0	RRXSY			23 PAVEMENT MARKINGS	23	224	1

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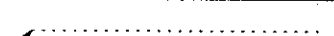
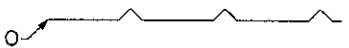
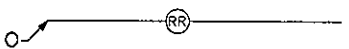
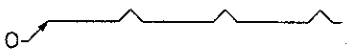
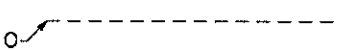
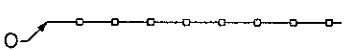
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
RUMBLE	147	RS		RUMBLE STRIPS	28	80	0		1		27 ROADWAY/LEAKOFFS	27	16	0
RRSWBX	246	RSB		RR SWITCH BOX	18	80	0	RRSWBX			17 RR UTILITIES	17	71	0
RRSUP	250	RSP		RR SUPPORT POLE	18	80	0	RRSUP			17 RR UTILITIES	17	70	0
RRSWSY	244	RSW		RR SWITCH SYMBOL	18	80	0	RRSWSY			17 RR UTILITIES	17	72	0
RUINS	316	RU		STRUCTURAL RUINS	40	80	0		WALLRE		39 BUILDINGS	39	64	0
RRUG	260	RUG		UGROUND RR SIGNAL CABLES	18	80	0		RRUG		17 RR UTILITIES	17	73	0
LGTRUN	255	RUN		RUNWAY LIGHT	20	80	0	LGTRUN			19 ILLUMINATION	19	53	0
WALLRE	420	RWL		RETAINING WALL	32	80	0		WALLRE		31 WALLS	31	208	0
RX	912	RX		ROCK EXCAVATION	56	80	0		2		56 ROCK BREAKLINES	56	5	0
RRGATE	236	RXG		RR CROSSING GATE	18	80	0	RRGATE			17 RR UTILITIES	17	67	0
SHRUB	503	S		SHRUB	34	80	0	SHRUB			33 TREES/VEGETATION	33	83	0
PVMSB	134	SB		PVT MRK-STOP BAR	24	80	0		0		23 PAVEMENT MARKINGS	23	226	5
FESILT	129	SF		SILT FENCE	32	80	0		FESILT		31 FENCES	31	227	0
SPRINK	152	SH		SPRINKLER HEAD	13	80	0	SPRINK			13 WATER UTILITIES	13	130	0
SANDIB	431	SIB		SAND INERTIA BARRIER	26	80	0	SANDIB			25 BARRIERS/GUIDE RAILS/POSTS	25	209	0
SILLEL	170	SIL		BUILDING SILL ELEVATION	40	80	0	SILLEL			39 BUILDINGS	39	162	0

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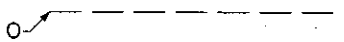
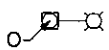
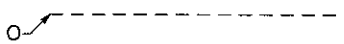
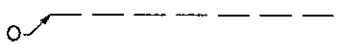
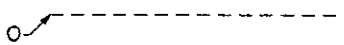
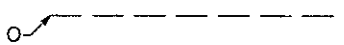
MHSTR	612	SMH		STORM MANHOLE	6	80	0	MHSTR			05 CATCH BASINS/MANHOLES	5	115	0
SUMP	230	SMP		SUMP ELEVATION	7	80	0	SUMP			05 CATCH BASINS/MANHOLES	7	80	2
SGNSP	304	SN		SIGN-SINGLE POST	20	80	0	SGN			19 SIGNS/POSTS/POLES	19	96	0
SGNPO	303	SP		SIGN POST	20	80	0	SGNPO			19 SIGNS/POSTS/POLES	19	99	0
SPAN	506	SPN		SPAN POLE	22	80	0	SPAN			21 SIGNAL DEVICES	21	195	0
SHRUBR	507	SR		SHRUB ROW	34	80	0		SHRUBR		33 TREES/VEGETATION	33	87	0
SPOT	515	SS		SPOT SHOT (ELEVATION ONLY)	V	V	V	SPOT			58 MASS PTS/SPOT SHOTS	59	10	4
SANSEW	610	SSP		SANITARY SEWER PIPE	9	80	0		3		08 SEWER	8	81	0
LGTSTD	408	STD		LUMINAIRE ON STANDARD	20	80	0	LGTSTD			19 ILLUMINATION	19	51	0
STE	916	STE		GROUND AT STRUCTURE	56	80	0		2		56 STRUCTURE BREAKLINES	56	5	0
SPILE	315	STK		STOCKPILE	36	80	0		3		35 STONES/ROCK	35	211	0
STP	915	STP		TOP STRUCTURE	56	80	0		2		56 STRUCTURE BREAKLINES	56	1	0
STRSEW	149	STR		STORM SEWER < 12IN	6	80	0		3		04 MISC PIPES	4	115	0
SGNST	229	STS		STREET SIGN ON POLE	20	80	0	SGNST			19 SIGNS/POSTS/POLES	19	100	0
UPOS	425	SUP		SUPPORT POLE	15	80	0	UPOS			14 OVERHEAD UTILITIES/POLES	14	20	2
SWAMP	120	SW		SWAMP SYMBOL	3	80	0	SWAMP			02 COURSES/WETLANDS	2	120	0

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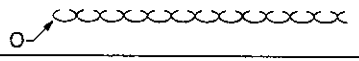
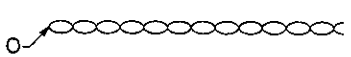
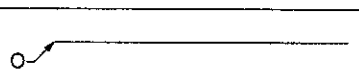
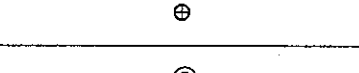
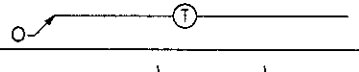
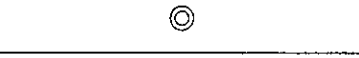
WALLSF	358	SWF		STONE WALL FACE	32	80	0		WALLS2		31 WALLS	31	228	0
WALLST	220	SWL	REM	STONE WALL /REMAINS	32	80	0		WALLST		31 WALLS	31	225	0
MHSAN	613	SWR		SANITARY MANHOLE	9	80	0	MHSAN			08 SEWER	8	80	0
LGTTAX	256	TAX		AIRPORT TAXIWAY LIGHT	20	80	0	LGTTAX			19 ILLUMINATION	19	54	0
TELBOX	363	TB		TELEPHONE BOX /DOME	10	80	0	TELBOX			10 COMMUNICATIONS	10	35	0
TELEPH	426	TBH		TELEPHONE BOOTH	15	80	0	TELEPH			14 OVERHEAD UTILITIES/POLES	14	32	0
TOC	905	TC		TOP OF CURB	56	80	0		0		56 ROAD BREAKLINES	56	1	0
TCBOX	413	TCB		TRAFFIC CONTROL BOX	22	80	0	TCBOX			21 SIGNAL DEVICES	21	196	0
LGTSIG	258	TCS		TRAFFIC CONTROL SIGNAL	22	80	0	LGTSIG			21 SIGNAL DEVICES	21	192	0
TIEDWN	290	TD		AIRPLANE TIE DOWN	36	80	0	TIEDWN			35 MISC TOPO	35	228	0
TEL	412	TEL		UNDERGROUND TELEPHONE	10	80	0		TEL		10 COMMUNICATIONS	10	33	0
TREELN	504	TL		TREE LINE	34	80	0		TREELN		33 TREES/VEGETATION	33	85	0
TWNMON	162	TM		TOWN MONUMENT	44	80	0	TWNMON			43 MONUMENTATION	43	160	0
MHTEL	614	TMH		TELEPHONE MANHOLE	10	80	0	MHTEL			10 COMMUNICATIONS	10	32	0
WALLTR	225	TRW		TIMBER RET WALL	32	80	0		WALLRE		31 WALLS	31	212	0
CBTWN	623	TT		TOWN TYPE CB	6	80	0	CBTWN			05 CATCH BASINS/MANHOLES	5	122	0

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TV	417	TV		UNDERGROUND CABLE TV	10	80	0		TV		10 COMMUNICATIONS	10	34	0
TRTWR	411	TWR		TRANSMISSION TOWER	15	80	0	TRTWR			14 OVERHEAD UTILITIES/POLES	14	34	0
UPO	406	U		UTILITY POLE	15	80	0	UPO			14 OVERHEAD UTILITIES/POLES	14	18	0
UNDERC	314	UC		UNDER CONSTRUCTION	36	80	0		3		35 MISC TOPO	35	229	2
UDRAIN	625	UD		UNDERDRAIN	6	80	0		3		04 MISC PIPES	4	116	0
UPOLT	407	UL		UTILITY POLE W/LIGHT	15	80	0	UPOLT			14 OVERHEAD UTILITIES/POLES	14	19	0
REGPTV	195	V		REG. POINT DTM-VERT	46	80	0	REGPTV			45 CONTROL	46	84	0
FEVARL	349	VRF		VIRGINIA RAIL FENCE	32	80	0		FEVARL		31 FENCES	31	211	0
PVMWS	132	W		PVT MRK-SOLID WHITE LINE	24	80	0		0		23 PAVEMENT MARKINGS	23	228	2
DECKW	153	WD		WOOD DECK	40	80	0		0		39 BUILDINGS	39	208	0
INWETF	317	WF		WETLANDS (FIELD LOCATION)	3	80	0		INWETF		02 COURSES/WETLANDS	2	118	1
WTRGT	401	WG		WATER GATE	13	80	0	WTRGT			13 WATER UTILITIES	13	144	0
WELL	307	WL		WELL	3	80	0	WELL			02 COURSES/WETLANDS	2	128	0
WTRM	402	WM		WATER MAIN	13	80	0		WTRM		13 WATER UTILITIES	13	145	0
METERW	354	WMT		WATER METER	13	80	0	METERW			13 WATER UTILITIES	13	146	0
WDPST	301	WP		WOOD POST	20	80	0	WDPST			19 SIGNS/POSTS/POLES	19	210	0

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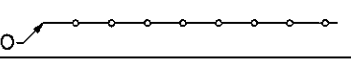
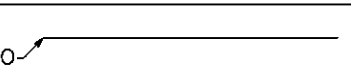
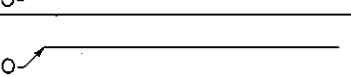
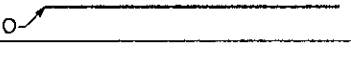
EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
GRAILW	123	WR		WIRE ROPE RAIL W/WOOD POSTS	26	80	0		GRAILW		25 BARRIERS/GUIDE RAILS/POSTS	25	208	0
STEPW	111	WS		WOOD STEPS	30	80	0		0		29 WALKS/STEPS/DECKS	29	209	0
WALLWG	421	WW		WINGWALL	32	80	0		0		31 WALLS	31	112	0
XWALK	146	XW		CROSS WALK STRIPING	24	80	0		XWALK		23 PAVEMENT MARKINGS	23	229	0
PVMYS	145	Y		PVT MRK-SOLID YELLOW LINE	24	80	0		0		23 PAVEMENT MARKINGS	23	55	2
PVMYSD	130	YY		PVT MRK-SOLID DBL LINE	24	80	0		PVMYSD		23 PAVEMENT MARKINGS	23	54	2

V=VARIOUS

*TEXT: FONT=1 (WORKING), UPPERCASE, WIDTH=HEIGHT, SIZE BASED ON LEROY.

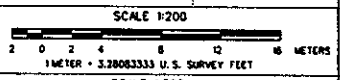
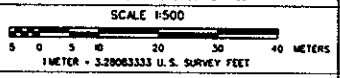
**CELL ORIGIN IS THE CENTER UNLESS OTHERWISE NOTED. O↘

FIELD ITEMS ONLY

LISTED BY "ALPHA"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
BD2X3				BLANK 2X3 BORDER	1	V	V	BD2X3		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	0
BDBLOK				PLAN MAP TITLE BLOCK	1	V	V	BDBLOK		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDBND				ROW PLAN BORDER	1	V	V	BDBND		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDBND2				ROW MAP BORDER 2 SIGS	V	V	V	BDBND2		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPL18				12" X 18" PLAN MAP BORDER	1	V	V	BDPL18		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPL24				18" X 24" PLAN MAP BORDER	1	V	V	BDPL24		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPL36				24" X 36" PLAN MAP BORDER	1	V	V	BDPL36		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPROJ				TWN PROJ SER SH FOR BORDER	1	V	V	BDPROJ		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDSIG				SIGNATURE FOR BORDER	1	V	V	BDSIG		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BSFEET				XFT:1IN BAR SCALE	1	80	0	BSFEET			01 BORDERS/BLOCKS	1	226	0
BSM200				2M:1CM BAR SCALE	1	80	1	BSM200			01 BORDERS/BLOCKS	1	225	0
BSM500				5M:1CM BAR SCALE	1	80	1	BSM500			01 BORDERS/BLOCKS	1	225	0
MM				MATCH MARK	1	120	1		0		01 BORDERS/BLOCKS	1	30	4
REVBOX				REVISION BOX	1	80	0	REVBOX		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
TTLLOC				LOCATION SURVEY TITLE BLOCK	1	V	V	TTLLOC		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
AAVER				CELL LIBRARY VERSION	1	V	V	AAVER		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V

V=VARIOUS

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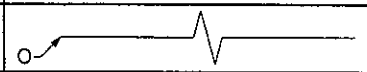
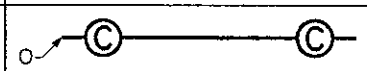
LISTED BY "CATEGORY"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
BRKSY				LINE BREAK SYMBOL	V	V	V		BRKSY		01 NOTES/REVISIONS/LABELS	V	V	0
CRTBND				BOUNDARY MAP CERT	1	100	1	CRTBND		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	227	1
CRTCMP				COMPILATION PLAN CERT	1	80	1	CRTCMP		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	227	1
CRTROW				RIGHT OF WAY SURVEY CERT	1	80	1	CRTROW		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	227	1
CUT				CUT LINE	V	V	V		CUT		01 NOTES/REVISIONS/LABELS	V	V	4
FILL				FILL LINE	V	V	V		FILL		01 NOTES/REVISIONS/LABELS	V	V	4
NOTERT				RELEASE OF RIGHTS	1	80	1	NOTERT		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	241	1
PRELIM				PRELIM NOTE FOR TITLE BLOCK	1	V	V	PRELIM		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	1	V
REVST1				1ST REVISION STAR	1	80	0	REVST1		★	01 NOTES/REVISIONS/LABELS	1	1	0
REVST2				2ND REVISION STAR	1	80	0	REVST2		☆	01 NOTES/REVISIONS/LABELS	1	1	0
REVST3				3RD REVISION STAR	1	80	0	REVST3		★	01 NOTES/REVISIONS/LABELS	1	1	0
REVST4				4TH REVISION STAR	1	80	0	REVST4		☆	01 NOTES/REVISIONS/LABELS	1	1	0
REVST5				5TH REVISION STAR	1	80	1	REVST5		✪	01 NOTES/REVISIONS/LABELS	1	1	0
REVST6				6TH REVISION STAR	1	80	0	REVST6		✪	01 NOTES/REVISIONS/LABELS	1	1	0
SHADE				SHADING FOR TAKE/RELEASE ETC.	V	V	V		SHADE		01 NOTES/REVISIONS/LABELS	1	V	V
TERM				LINE TERMINATOR	1	80	0	TERM			01 NOTES/REVISIONS/LABELS	1	160	0

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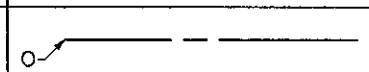
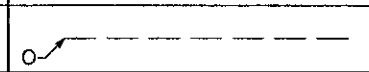
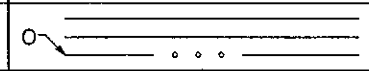
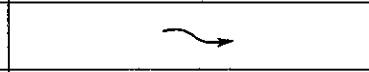
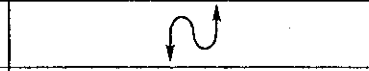
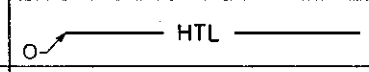
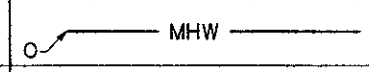
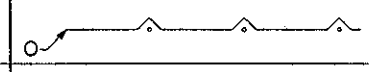
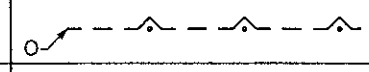
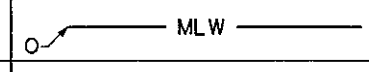
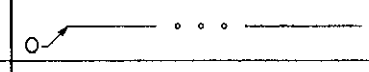
SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
TTLGRN				GROUND/PLANIMETRIC NOTES	1	100	V	TTLGRN		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V
TTLPHO				PHOTO/TOPOGRAPHIC NOTES	1	100	V	TTLPHO		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V
TTLRR				RAILROAD NOTES	1	100	1	TTLRR		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V
CHELN				CHANNEL ENCROACHMENT LINE	3	80	0		HWY1		02 COURSES/WETLANDS	2	112	1
DAM	415	DAM		DAM	3	80	0		0		02 COURSES/WETLANDS	2	224	0
EDGMAR	219	ML		MARSH LIMITS	3	80	0		3		02 COURSES/WETLANDS	2	114	0
EDGWTR	117	EW		EDGE WATER BODY (POND/LAKE)	3	80	0		EDGH2O		02 COURSES/WETLANDS	2	113	0
FLOWR				DIRECTION OF RIVER FLOW	3	80	0	FLOWR			02 COURSES/WETLANDS	2	115	1
FLOWT				DIRECTION OF TIDAL FLOW	3	80	0	FLOWT			02 COURSES/WETLANDS	2	116	1
HITIDE				HIGH TIDE LIMIT	3	80	2		HITIDE		02 COURSES/WETLANDS	2	121	2
HIWTR				MEAN HIGH WATER MARK	3	80	2		HIWTR		02 COURSES/WETLANDS	2	122	2
INWETA				WETLANDS LIMITS (APPROX)	3	80	0		INWETA		02 COURSES/WETLANDS	2	117	0
INWETF	317	WF		WETLANDS (FIELD LOCATION)	3	80	0		INWETF		02 COURSES/WETLANDS	2	118	1
LOWWTR				MEAN LOW WATER MARK	3	80	2		LOWWTR		02 COURSES/WETLANDS	2	123	2
STREAM	118	ES		EDGE STREAM /WATER COURSE	3	80	0		STREAM		02 COURSES/WETLANDS	2	119	0
SWAMP	120	SW		SWAMP SYMBOL	3	80	0	SWAMP			02 COURSES/WETLANDS	2	120	0

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SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
WELL	307	WL		WELL	3	80	0	WELL		○	02 COURSES/WETLANDS	2	128	0
DITCH	119	BD		PAVED/BIT DITCH	3	80	0		0		02 DITCHES	2	96	0
DITCHE	160	DD		DIRT/EARTH DITCH	3	80	0		3		02 DITCHES	2	97	0
RCP	710	RCP		RCP > 48IN	6	80	0		3		04 CONCRETE PIPES	4	144	0
RCPE	701	CPE		12IN RCP	6	80	0		3		04 CONCRETE PIPES	4	147	0
RCPF	702	CPF		15IN RCP	6	80	0		3		04 CONCRETE PIPES	4	148	0
RCPG	703	CPG		18IN RCP	6	80	0		PIPE18		04 CONCRETE PIPES	4	149	0
RCPH	704	CPH		21IN RCP	6	80	0		PIPE21		04 CONCRETE PIPES	4	150	0
RCPK	706	CPK		30IN RCP	6	80	0		PIPE30		04 CONCRETE PIPES	4	152	0
RCPM	707	CPM		36IN RCP	6	80	0		PIPE36		04 CONCRETE PIPES	4	153	0
RCPN	708	CPN		42IN RCP	6	80	0		PIPE42		04 CONCRETE PIPES	4	145	0
RCPO	709	CPO		48IN RCP	6	80	0		PIPE48		04 CONCRETE PIPES	4	146	0
RCPP	741	CPP		54IN RCP	6	80	0		PIPE54		04 CONCRETE PIPES	4	154	0
RCPQ	742	CPQ		60IN RCP	6	80	0		PIPE60		04 CONCRETE PIPES	4	155	0
RCPR	743	CPR		66IN RCP	6	80	0		PIPE66		04 CONCRETE PIPES	4	156	0
RCPS	744	CPS		72IN RCP	6	80	0		PIPE72		04 CONCRETE PIPES	4	157	0

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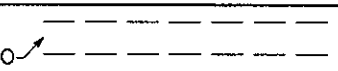
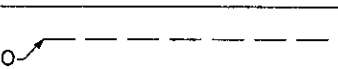
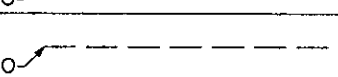
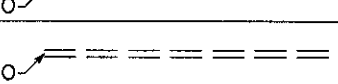
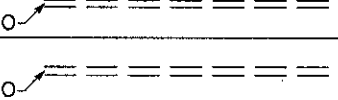
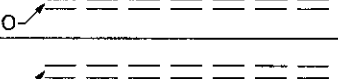
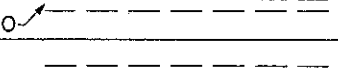
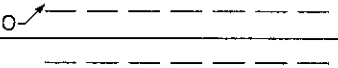
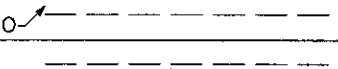
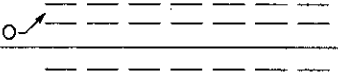
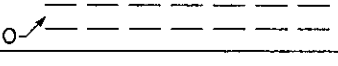
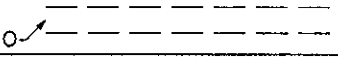
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
RCPT	745	CPT		78IN RCP	6	80	0		PIPE78		04 CONCRETE PIPES	4	158	0
RCPU	746	CPU		84IN RCP	6	80	0		PIPE84		04 CONCRETE PIPES	4	159	0
CMP	720	CMP		CMP > 48IN	6	80	0		3		04 METAL PIPES	4	128	0
CMPE	712	MPE		12IN CMP	6	80	0		3		04 METAL PIPES	4	131	0
CMPF	713	MPF		15IN CMP	6	80	0		3		04 METAL PIPES	4	132	0
CMPG	714	MPG		18IN CMP	6	80	0		PIPE18		04 METAL PIPES	4	133	0
CMPH	722	MPH		21IN CMP	6	80	0		PIPE21		04 METAL PIPES	4	134	0
CMPI	715	MPI		24IN CMP	6	80	0		PIPE24		04 METAL PIPES	4	135	0
CMPK	716	MPK		30IN CMP	6	80	0		PIPE30		04 METAL PIPES	4	136	0
CMPM	717	MPM		36IN CMP	6	80	0		PIPE36		04 METAL PIPES	4	137	0
CMPN	718	MPN		42IN CMP	6	80	0		PIPE42		04 METAL PIPES	4	129	0
CMPO	719	MPO		48IN CMP	6	80	0		PIPE48		04 METAL PIPES	4	130	0
CMPP	731	MPP		54IN CMP	6	80	0		PIPE54		04 METAL PIPES	4	138	0
CMPQ	732	MPQ		60IN CMP	6	80	0		PIPE60		04 METAL PIPES	4	139	0
CMPR	733	MPR		66IN CMP	6	80	0		PIPE66		04 METAL PIPES	4	140	0
CMPS	734	MPS		72IN CMP	6	80	0		PIPE72		04 METAL PIPES	4	141	0

V = VARIOUS

*TEXT: FONT = 1 (WORKING), UPPERCASE, WIDTH = HEIGHT, SIZE BASED ON LEROY.

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EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

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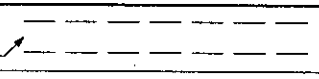
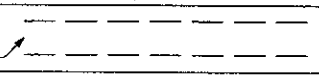
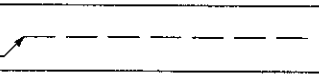
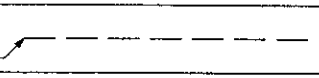
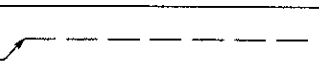
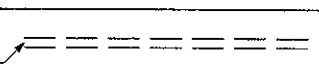
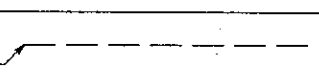
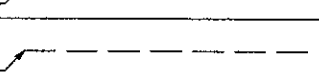
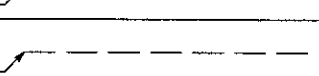
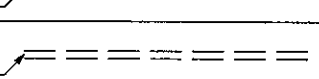
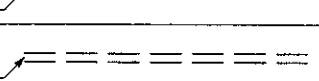
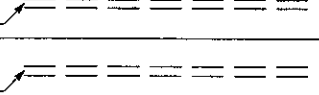
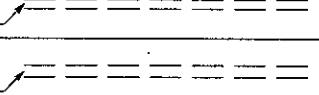
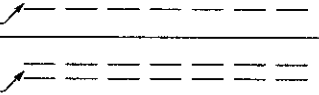
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
CMPT	735	MPT		78IN CMP	6	80	0		PIPE78		04 METAL PIPES	4	142	0
CMPU	736	MPU		84IN CMP	6	80	0		PIPE84		04 METAL PIPES	4	143	0
CULV	650	BX		BOX CULVERT	6	80	0		3		04 MISC PIPES	4	32	0
PIPCI	158	CIP		CAST IRON PIPE	6	80	0		3		04 MISC PIPES	4	112	0
PIPCL	157	CLP		CLAY PIPE	6	80	0		3		04 MISC PIPES	4	113	0
PIPPVC	156	PP		PVC PIPE	6	80	0		3		04 MISC PIPES	4	114	0
RCPI	705	CPI		24IN RCP	6	80	0		PIPE24		04 MISC PIPES	4	151	0
STRSEW	149	STR		STORM SEWER < 12IN	6	80	0		3		04 MISC PIPES	4	115	0
UDRAIN	625	UD		UNDERDRAIN	6	80	0		3		04 MISC PIPES	4	116	0
PVCE	651	PPE	PCE	12IN PVC /CORR PIPE	6	80	0		3		04 PLASTIC PIPES	4	224	0
PVCF	652	PPF	PCF	15IN PVC /CORR PIPE	6	80	0		3		04 PLASTIC PIPES	4	225	0
PVCG	653	PPG	PCG	18IN PVC /CORR PIPE	6	80	0		PIPE18		04 PLASTIC PIPES	4	226	0
PVCH	654	PPH	PCH	21IN PVC /CORR PIPE	6	80	0		PIPE21		04 PLASTIC PIPES	4	227	0
PVCI	655	PPI	PCI	24IN PVC /CORR PIPE	6	80	0		PIPE24		04 PLASTIC PIPES	4	228	0
PVCK	656	PPK	PCK	30IN PVC /CORR PIPE	6	80	0		PIPE30		04 PLASTIC PIPES	4	229	0
PVCM	657	PPM	PCM	36IN PVC /CORR PIPE	6	80	0		PIPE36		04 PLASTIC PIPES	4	230	0

V=VARIOUS

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
PVCN	658	PPN	PCN	42IN PVC /CORR PIPE	6	80	0		PIPE42		04 PLASTIC PIPES	4	231	0
PVCO	659	PPO	PCO	48IN PVC /CORR PIPE	6	80	0		PIPE48		04 PLASTIC PIPES	4	232	0
PVCP	660	PPP	PCP	54IN PVC /CORR PIPE	6	80	0		PIPE54		04 PLASTIC PIPES	4	233	0
PVCQ	661	PPQ	PCQ	60IN PVC /CORR PIPE	6	80	0		PIPE60		04 PLASTIC PIPES	4	234	0
CBC	601	C		C CB	6	80	0	CBC			05 CATCH BASINS/MANHOLES	5	112	0
CBCG	607	CG		CG CB	6	80	0	CBCG			05 CATCH BASINS/MANHOLES	5	113	0
CBCL	602	CLB		C-L CB	6	80	0	CBCL			05 CATCH BASINS/MANHOLES	5	114	0
CBDATA				CATCH BASIN /MANHOLE INFO	7	80	0	CBDATA		*GRAPHIC NOT SHOWN*	05 CATCH BASINS/MANHOLES	7	V	0
CBDC	603	DC		DBL C CB	6	80	0	CBDC			05 CATCH BASINS/MANHOLES	5	116	0
CBDCE	605	DCE		DBL C CB (END-TO-END)	6	80	0	CBDCE			05 CATCH BASINS/MANHOLES	5	117	0
CBDCL	604	DCL		DBL CL CB	6	80	0	CBDCL			05 CATCH BASINS/MANHOLES	5	118	0
CBDCLE	606	DCLE		DBL C-L CB (END-TO-END)	6	80	0	CBDCLE			05 CATCH BASINS/MANHOLES	5	119	0
CBDG	624	DG		D-G ENDWALL	6	80	0	CBDG			05 CATCH BASINS/MANHOLES	5	120	0
CBRCL	622	RCL		ROUND DRAIN	6	80	0	CBRCL			05 CATCH BASINS/MANHOLES	5	121	0
CBTWN	623	TT		TOWN TYPE CB	6	80	0	CBTWN			05 CATCH BASINS/MANHOLES	5	122	0
MHSTR	612	SMH		STORM MANHOLE	6	80	0	MHSTR			05 CATCH BASINS/MANHOLES	5	115	0

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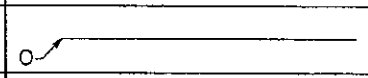
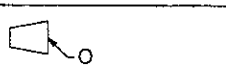
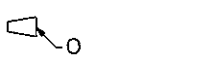
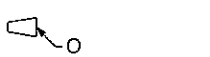
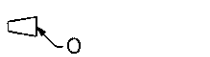
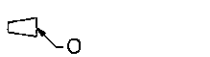
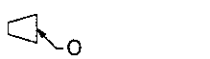
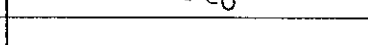
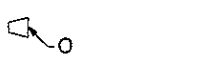
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
SUMP	230	SMP		SUMP ELEVATION	7	80	0	SUMP			05 CATCH BASINS/MANHOLES	7	80	2
RCE	810	RCE		RCCE > 48IN LINEAR	6	80	0		0		05 CONCRETE ENDS	5	144	0
RCECEL	811	RCEC		RCCE > 48IN CELL	6	80	0	CECEL			05 CONCRETE ENDS	5	144	0
RCEE	801	CEE		12IN RCCE	6	80	0	CE12			05 CONCRETE ENDS	5	147	0
RCEF	802	CEF		15IN RCCE	6	80	0	CE15			05 CONCRETE ENDS	5	148	0
RCEG	803	CEG		18IN RCCE	6	80	0	CE18			05 CONCRETE ENDS	5	149	0
RCEH	804	CEH		21IN RCCE	6	80	0	CE21			05 CONCRETE ENDS	5	150	0
RCEI	805	CEI		24IN RCCE	6	80	0	CE24			05 CONCRETE ENDS	5	151	0
RCEK	806	CEK		30IN RCCE	6	80	0	CE30			05 CONCRETE ENDS	5	152	0
RCEM	807	CEM		36IN RCCE	6	80	0	CE36			05 CONCRETE ENDS	5	153	0
RCEN	808	CEN		42IN RCCE	6	80	0	CE42			05 CONCRETE ENDS	5	145	0
RCEO	809	CEO		48IN RCCE	6	80	0	CE48			05 CONCRETE ENDS	5	146	0
MCE	820	MCE		MCE > 48IN	6	80	0		0		05 METAL ENDS	5	128	0
MCECEL	821	MCEC		MCE > 48IN CELL	6	80	0	MECEL			05 METAL ENDS	5	128	0
MCEE	812	MEE		12IN MCE	6	80	0	ME12			05 METAL ENDS	5	131	0
MCEF	813	MEF		15IN MCE	6	80	0	ME15			05 METAL ENDS	5	132	0

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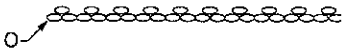
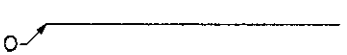
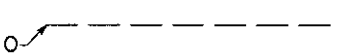
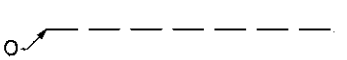
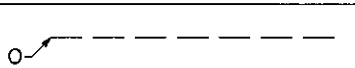
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
MCEG	814	MEG		18IN MCE	6	80	0	ME18			05 METAL ENDS	5	133	0
MCEH	822	MEH		21IN MCE	6	80	0	ME21			05 METAL ENDS	5	134	0
MCEI	815	MEI		24IN MCE	6	80	0	ME24			05 METAL ENDS	5	135	0
MCEK	816	MEK		30IN MCE	6	80	0	ME30			05 METAL ENDS	5	136	0
MCEM	817	MEM		36IN MCE	6	80	0	ME36			05 METAL ENDS	5	137	0
MCEN	818	MEN		42IN MCE	6	80	0	ME42			05 METAL ENDS	5	129	0
MCEO	819	MEO		48IN MCE	6	80	0	ME48			05 METAL ENDS	5	130	0
FLOW				DIRECTION OF PIPE FLOW	6	80	0	FLOW			05 MISC DRAINAGE	6	144	0
RCEGEN				GENERIC CULVERT END	6	80	0	CEGEN			05 MISC DRAINAGE	5	192	0
RIP2				ALTERNATE RIP RAP (CELL)	6	80	0	RIP2			05 MISC DRAINAGE	5	209	0
RIPRAP	416	RIP		RIPRAP (LINEAR)	6	80	0		RIPRAP		05 MISC DRAINAGE	5	208	0
WALLEN	419	EWL	HWL	ENDWALL	6	80	0		0		05 MISC DRAINAGE	5	225	0
MHSAN	613	SWR		SANITARY MANHOLE	9	80	0	MHSAN			08 SEWER	8	80	0
SANSEW	610	SSP		SANITARY SEWER PIPE	9	80	0		3		08 SEWER	8	81	0
SWRE				12IN SEWER PIPE	9	80	0		3		08 SEWER	8	87	0
SWRF				15IN SEWER PIPE	9	80	0		3		08 SEWER	8	86	0

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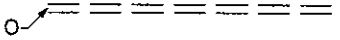
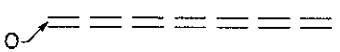
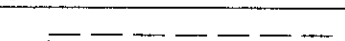
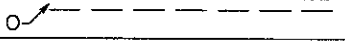
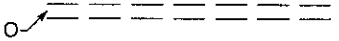
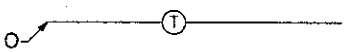
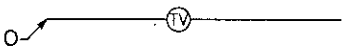
SWRG				18IN SEWER PIPE	9	80	0		PIPE18		08 SEWER	8	84	0
SWRH				21IN SEWER PIPE	9	80	0		PIPE21		08 SEWER	8	83	0
SWRI				24IN SEWER PIPE	9	80	0		PIPE24		08 SEWER	8	85	0
SWRK				30IN SEWER PIPE	9	80	0		PIPE30		08 SEWER	8	88	0
SWRM				36IN SEWER PIPE	9	80	0		PIPE36		08 SEWER	8	89	0
SWRN				42IN SEWER PIPE	9	80	0		PIPE42		08 SEWER	8	90	0
SWRO				48IN SEWER PIPE	9	80	0		PIPE48		08 SEWER	8	82	0
MHTEL	614	TMH		TELEPHONE MANHOLE	10	80	0	MHTEL			10 COMMUNICATIONS	10	32	0
POLCAN	365	CAN		TELEPHONE CAN ON POLE	10	80	0	POLCAN			10 COMMUNICATIONS	10	37	0
TEL	412	TEL		UNDERGROUND TELEPHONE	10	80	0		TEL		10 COMMUNICATIONS	10	33	0
TELBOX	363	TB		TELEPHONE BOX /DOME	10	80	0	TELBOX			10 COMMUNICATIONS	10	35	0
TELSY				UNDERGROUND TELEPHONE SYMB	10	80	0	TELSY			10 COMMUNICATIONS	10	33	0
TV	417	TV		UNDERGROUND CABLE TV	10	80	0		TV		10 COMMUNICATIONS	10	34	0
TVBOX	364	CB		CABLE TV BOX /DOME	10	80	0	TVBOX			10 COMMUNICATIONS	10	36	0
TVSY				UNDERGROUND CABLE TV SYMBOL	10	80	0	TVSY			10 COMMUNICATIONS	10	34	0
EBOXSP	357	ESB		ELECTRIC SPLICE BOX	11	80	0	EBOXSP			11 ELECTRIC	11	20	0

V=VARIOUS

*TEXT: FONT=1 (WORKING), UPPERCASE, WIDTH=HEIGHT, SIZE BASED ON LEROY.

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LISTED BY "CATEGORY"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
EBOXTR	422	ETB		ELECTRIC TRANSFORMER BOX	11	80	0	EBOXTR			11 ELECTRIC	11	16	0
METERE	362	EMT		ELECTRIC METER	11	80	0	METERE			11 ELECTRIC	11	19	0
MHELE	429	EMH		ELECTRIC MANHOLE	11	80	0	MHELE			11 ELECTRIC	11	17	0
PWR	410	PWR		UNDERGROUND POWER LINE	11	80	0		PWR		11 ELECTRIC	11	18	0
PWRSY				UNDERGROUND POWER SYMBOL	11	80	0	PWRSY			11 ELECTRIC	11	18	0
GASGT	403	GG		GAS GATE	12	80	0	GASGT			12 NATURAL GAS	12	48	0
GASM	404	GM		GAS MAIN	12	80	0		GASM		12 NATURAL GAS	12	49	0
GASMSY				GAS MAIN SYMBOL	12	80	0	GASMSY			12 NATURAL GAS	12	49	0
GASREG	366	GRV		GAS REGULATOR VAULT	12	80	0	GASREG			12 NATURAL GAS	12	53	0
GASTEL	367	GTB		GAS TELEMETRY BOX	12	80	0	GASTEL			12 NATURAL GAS	12	52	0
GASVP	159	GVP		GAS VENT PIPE	12	80	0	GASVP			12 NATURAL GAS	12	50	0
METERG	361	GMT		GAS METER	12	80	0	METERG			12 NATURAL GAS	12	51	0
FIRHYD	308	FH		FIRE HYDRANT	13	80	0	FIRHYD			13 WATER UTILITIES	13	16	0
METERW	354	WMT		WATER METER	13	80	0	METERW			13 WATER UTILITIES	13	146	0
SPRINK	152	SH		SPRINKLER HEAD	13	80	0	SPRINK			13 WATER UTILITIES	13	130	0
WTRGT	401	WG		WATER GATE	13	80	0	WTRGT			13 WATER UTILITIES	13	144	0

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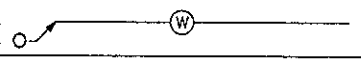
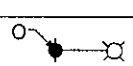
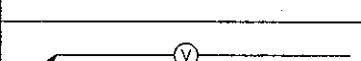
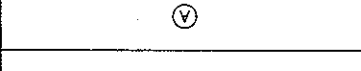
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
WTRM	402	WM		WATER MAIN	13	80	0		WTRM		13 WATER UTILITIES	13	145	0
WTRMSY				WATER MAIN SYMBOL	13	80	0	WTRMSY			13 WATER UTILITIES	13	145	0
GUYPOL	398	GYP		GUY POLE	15	80	0	GUYPOL			14 OVERHEAD UTILITIES/POLES	14	16	0
GUYWIR	409	GY		GUY WIRE	15	80	0	GUYWIR			14 OVERHEAD UTILITIES/POLES	14	17	0
MHGEN	359	MH		GENERIC MANHOLE	15	80	0	MHGEN			14 OVERHEAD UTILITIES/POLES	14	230	0
SDISH	292	DSH		SATELLITE DISH	15	80	0	SDISH			14 OVERHEAD UTILITIES/POLES	14	32	0
TELEPH	426	TBH		TELEPHONE BOOTH	15	80	0	TELEPH			14 OVERHEAD UTILITIES/POLES	14	32	0
TELPAY	424	PAY		PAY PHONE	15	80	0	TELPAY			14 OVERHEAD UTILITIES/POLES	14	33	0
TRTWR	411	TWR		TRANSMISSION TOWER	15	80	0	TRTWR			14 OVERHEAD UTILITIES/POLES	14	34	0
UPO	406	U		UTILITY POLE	15	80	0	UPO			14 OVERHEAD UTILITIES/POLES	14	18	0
UPOLT	407	UL		UTILITY POLE W/LIGHT	15	80	0	UPOLT			14 OVERHEAD UTILITIES/POLES	14	19	0
UPOS	425	SUP		SUPPORT POLE	15	80	0	UPOS			14 OVERHEAD UTILITIES/POLES	14	20	2
UTOH	428	OH		OVERHEAD UTILITY WIRES	15	80	0		UTOH		14 OVERHEAD UTILITIES/POLES	14	23	0
UTOHSY				OVERHEAD UTILITY SYMBOL	15	80	0	UTOHSY			14 OVERHEAD UTILITIES/POLES	14	21	0
COOLER	360	FAN		INDUSTRIAL COOLING STRUCTURE	15	80	0		0		14 PROPANE/AC	14	22	0
PROCYL	355	CYL		HOUSEHOLD PROPANE CYLINDER	15	80	0	PROCYL			14 PROPANE/AC	14	51	0

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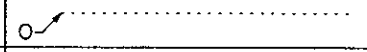
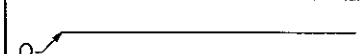
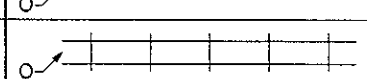
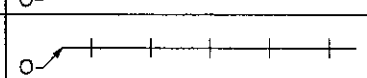
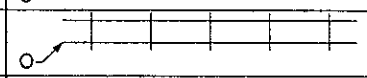
PROTNK	356	PTK		PROPANE TANK	15	80	0	PROTNK			14 PROPANE/AC	14	52	0
BALLST	552	BAL		EDGE OF RR BALLAST	16	80	0		1		16 RR TRACKS	16	224	0
RRBRK	992	RRB		RAIL BREAKLINE (RAIL LOCATED)	16	80	0		0		16 RR TRACKS	16	65	0
RRCNTR	261	RRCL		RR TRACKS (CENTER LOCATED)	16	80	0		RRCNTR		16 RR TRACKS	16	192	0
RRLINE				RR TRACKS (MAP FEATURE)	16	80	0		RRLINE		16 RR TRACKS	16	64	0
RRTRKS	112	RR		RR TRACKS (RAIL LOCATED)	16	80	0		RRTRKS		16 RR TRACKS	16	65	0
ATRKI	554	ATA		RR CAT TOWER AMTRACK 1	18	80	0	ATRK1			17 RR UTILITIES	17	64	0
ATRKII	555	ATB		RR CAT TOWER AMTRACK 2	18	80	0	ATRK2			17 RR UTILITIES	17	64	0
ATRKII	556	ATC		RR CAT TOWER AMTRACK 2A	18	80	0	ATRK2A			17 RR UTILITIES	17	64	0
ATRKII	557	ATD		RR CAT TOWER AMTRACK 3	18	80	0	ATRK3			17 RR UTILITIES	17	64	0
ATRKIV	558	ATE		RR CAT TOWER AMTRACK 4	18	80	0	ATRK4			17 RR UTILITIES	17	64	0
ATRKV	559	ATF		RR CAT TOWER AMTRACK 5	18	80	0	ATRK5			17 RR UTILITIES	17	64	0
ATRKVI	560	ATG		RR CAT TOWER AMTRACK 6	18	80	0	ATRK6			17 RR UTILITIES	17	64	0
ATRKVI	561	ATH		RR CAT TOWER AMTRACK 7	18	80	0	ATRK7			17 RR UTILITIES	17	64	0
RRCATD	242	CTD		RR CAT TOWER-DBL	18	80	0	RRCATD			17 RR UTILITIES	17	64	0
RRCATS	240	CTS		RR CAT TOWER-SINGLE	18	80	0	RRCATS			17 RR UTILITIES	17	64	0

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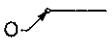
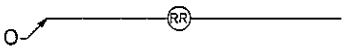
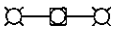
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
RRCATX	241	CTX		RR CAT TOWER–TYPE X	18	80	0	RRCATX			17 RR UTILITIES	17	64	0
RRFGSY	243	FRG		RR FROG SYMBOL	18	80	0	RRFGSY			17 RR UTILITIES	17	65	0
RRFLLT	245	RFL		RR FLASHING LIGHT STRUCTURE	18	80	0	RRFLLT			17 RR UTILITIES	17	66	0
RRGATE	236	RXG		RR CROSSING GATE	18	80	0	RRGATE			17 RR UTILITIES	17	67	0
RRLT	247	RLT		RR LIGHT	18	80	0	RRLT			17 RR UTILITIES	17	68	0
RRLTDW	248	RDW		RR DWARF LIGHT	18	80	0	RRLTDW			17 RR UTILITIES	17	69	0
RRSUP	250	RSP		RR SUPPORT POLE	18	80	0	RRSUP			17 RR UTILITIES	17	70	0
RRSWBX	246	RSB		RR SWITCH BOX	18	80	0	RRSWBX			17 RR UTILITIES	17	71	0
RRSWSY	244	RSW		RR SWITCH SYMBOL	18	80	0	RRSWSY			17 RR UTILITIES	17	72	0
RRUG	260	RUG		UGROUND RR SIGNAL CABLES	18	80	0		RRUG		17 RR UTILITIES	17	73	0
RRUGSY				UGROUND RR SIGNAL CABLE SYMB	17	80	0	RRUGSY			17 RR UTILITIES	17	73	0
RRUPOH	249	RH		RR UTILITY POLE H	18	80	0	RRUPOH			17 RR UTILITIES	17	74	0
RRUPOO	553	RO		RR UTILITY POLE O	18	80	0	RRUPOO			17 RR UTILITIES	17	74	0
LGTDBL	351	DLT		DOUBLE LUMINAIRE	20	80	0	LGTDBL			19 ILLUMINATION	19	52	0
LGTFLD	721	FLT		FLOOD LIGHT	20	80	0	LGTFLD			19 ILLUMINATION	19	48	0
LGTGEN	257	L		GENERAL PURPOSE LAMP	20	80	0	LGTGEN			19 ILLUMINATION	19	49	0

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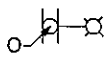
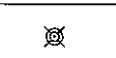
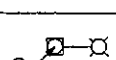
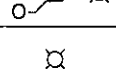
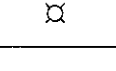
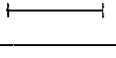
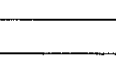
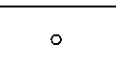
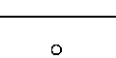
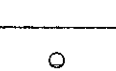
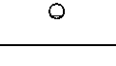
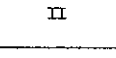
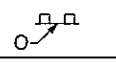
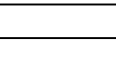
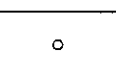
LGTPAR	510	PLT		LUMINAIRE ON PARAPET	20	80	0	LGTPAR			19 ILLUMINATION	19	50	0
LGTRUN	255	RUN		RUNWAY LIGHT	20	80	0	LGTRUN			19 ILLUMINATION	19	53	0
LGTSTD	408	STD		LUMINAIRE ON STANDARD	20	80	0	LGTSTD			19 ILLUMINATION	19	51	0
LGTTAX	256	TAX		AIRPORT TAXIWAY LIGHT	20	80	0	LGTTAX			19 ILLUMINATION	19	54	0
BBRD	305	BB		BILLBOARD	20	80	0	BBRD			19 SIGNS/POSTS/POLES	19	160	0
BBRDL	334	BBL		BILLBOARD (LINEAR)	20	80	0		0		19 SIGNS/POSTS/POLES	19	162	0
DLINR	324	DL		REFLECTIVE DELINEATOR	20	80	0	DLINR			19 SIGNS/POSTS/POLES	19	64	0
FLGPO	302	FLG		FLAG POLE	20	80	0	FLGPO			19 SIGNS/POSTS/POLES	19	161	0
MTLPO	336	MPST	CPST	METAL /CONC POST	20	80	0	MTLPO			19 SIGNS/POSTS/POLES	19	226	0
OBJMKR	370	OM		OBJECT MARKER	20	80	0	OBJMKR			19 SIGNS/POSTS/POLES	19	101	0
SGNDF	222	DF		SIGN-DBL FACE	20	80	0	SGNDF			19 SIGNS/POSTS/POLES	19	97	0
SGNDP	323	DP		SIGN-DOUBLE POST	20	80	0	SGNDP			19 SIGNS/POSTS/POLES	19	98	0
SGNLS	298	LS		SIGN (LINEAR)	20	80	0		0		19 SIGNS/POSTS/POLES	19	102	0
SGNPO	303	SP		SIGN POST	20	80	0	SGNPO			19 SIGNS/POSTS/POLES	19	99	0
SGNSP	304	SN		SIGN-SINGLE POST	20	80	0	SGN			19 SIGNS/POSTS/POLES	19	96	0
SGNST	229	STS		STREET SIGN ON POLE	20	80	0	SGNST			19 SIGNS/POSTS/POLES	19	100	0

V = VARIOUS

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
WDPST	301	WP		WOOD POST	20	80	0	WDPST		○	19 SIGNS/POSTS/POLES	19	210	0
HH	608	HH		HANDHOLE	22	80	0	HH		▣	21 SIGNAL DEVICES	21	16	0
LGTSIG	258	TCS		TRAFFIC CONTROL SIGNAL	22	80	0	LGTSIG		◁○	21 SIGNAL DEVICES	21	192	0
LOOP	144	LD		LOOP DETECTOR	22	80	0		0		21 SIGNAL DEVICES	21	17	0
PED	414	PED		PEDESTAL	22	80	0	PED		□	21 SIGNAL DEVICES	21	193	0
PEDWLK	423	PX	WLK	PEDESTRIAN X-WALK POLE /SIGNAL	22	80	0	PEDWLK		⊡	21 SIGNAL DEVICES	21	194	0
PVCCON	616	EPVC		ELECTRICAL PVC CONDUIT	22	80	0		3		21 SIGNAL DEVICES	21	18	0
SPAN	506	SPN		SPAN POLE	22	80	0	SPAN		▢	21 SIGNAL DEVICES	21	195	0
TCBOX	413	TCB		TRAFFIC CONTROL BOX	22	80	0	TCBOX		⊠	21 SIGNAL DEVICES	21	196	0
ARWL	135	AL		PVMT ARROW LEFT	24	80	0	ARWL			23 PAVEMENT MARKINGS	23	224	1
ARWLR	136	ALR		PVMT ARROW LEFT/RIGHT	24	80	0	ARWLR			23 PAVEMENT MARKINGS	23	224	1
ARWR	137	AR		PVMT ARROW RIGHT	24	80	0	ARWR			23 PAVEMENT MARKINGS	23	224	1
ARWS	138	AS		PVMT ARROW STRAIGHT	24	80	0	ARWS			23 PAVEMENT MARKINGS	23	224	1
ARWSL	139	ASL		PVMT ARROW STRAIGHT/LEFT	24	80	0	ARWSL			23 PAVEMENT MARKINGS	23	224	1
ARWSLR	140	ASLR		PVMT ARROW STRAIGHT/LEFT/RIGHT	24	80	0	ARWSLR			23 PAVEMENT MARKINGS	23	224	1
ARWSR	142	ASR		PVMT ARROW STRAIGHT/RIGHT	24	80	0	ARWSR			23 PAVEMENT MARKINGS	23	224	1

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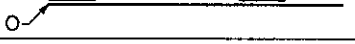
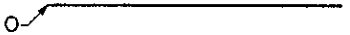
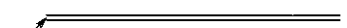
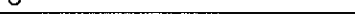
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
HANDI	148	HP		HANDICAP PARKING	24	80	0	HANDI			23 PAVEMENT MARKINGS	23	225	1
PVMHOV	125	HOV		PVT MRK-HOV DIAMOND	24	80	0	PVMHOV			23 PAVEMENT MARKINGS	23	224	1
PVMSB	134	SB		PVT MRK-STOP BAR	24	80	0		0		23 PAVEMENT MARKINGS	23	226	5
PVMWB	133	DW		PVT MRK-BROKEN LINE	24	80	0		PVMWB		23 PAVEMENT MARKINGS	23	227	2
PVMWS	132	W		PVT MRK-SOLID WHITE LINE	24	80	0		0		23 PAVEMENT MARKINGS	23	228	2
PVMYBS	131	DYY		PVT MRK-BRKN AND SOLID LINES	24	80	0		PVMBS		23 PAVEMENT MARKINGS	23	56	2
PVMYS	145	Y		PVT MRK-SOLID YELLOW LINE	24	80	0		0		23 PAVEMENT MARKINGS	23	55	2
PVMYSD	130	YY		PVT MRK-SOLID DBL LINE	24	80	0		PVMYSD		23 PAVEMENT MARKINGS	23	54	2
RRXSY	124	RRX		RR X-ING PAVEMENT MARKING	24	80	0	RRXSY			23 PAVEMENT MARKINGS	23	224	1
XWALK	146	XW		CROSS WALK STRIPING	24	80	0		XWALK		23 PAVEMENT MARKINGS	23	229	0
BARRI	299	BRA		CONSTRUCTION BARRICADE TYPE 1	26	80	0	BARR1			25 BARRIERS/GUIDE RAILS/POSTS	25	224	0
BARRII	300	BRB		CONSTRUCTION BARRICADE TYPE 2	26	80	0	BARR2			25 BARRIERS/GUIDE RAILS/POSTS	25	225	0
GRAILD	405	DGR		DOUBLE GUIDE RAIL	26	80	0		GRAILD		25 BARRIERS/GUIDE RAILS/POSTS	25	128	0
GRAILS	106	MBR		GUIDE RAIL	26	80	0		0		25 BARRIERS/GUIDE RAILS/POSTS	25	176	0
GRAILW	123	WR		WIRE ROPE RAIL W/WOOD POSTS	26	80	0		GRAILW		25 BARRIERS/GUIDE RAILS/POSTS	25	208	0
GRENDA	128	END		GUIDE RAIL END ANCHORAGE	26	80	0	GRENDA			25 BARRIERS/GUIDE RAILS/POSTS	25	177	2

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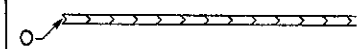
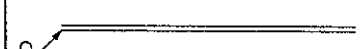
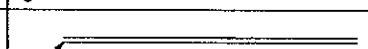
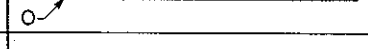
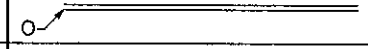
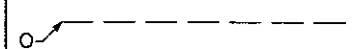
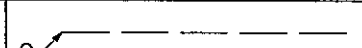
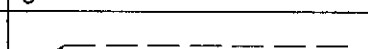
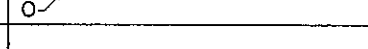
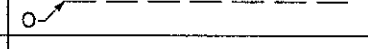
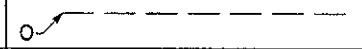
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
MEDBAR	107	JER		CONC MEDIAN BARRIER	26	80	0		MEDBAR		25 BARRIERS/GUIDE RAILS/POSTS	25	226	0
SANDIB	431	SIB		SAND INERTIA BARRIER	26	80	0	SANDIB			25 BARRIERS/GUIDE RAILS/POSTS	25	209	0
CRBBCL	104	BC		BIT CONCRETE LIP CURBING	28	80	0		0		27 ROADWAY/LEAKOFFS	27	17	0
CRBBCP	143	BPC		4IN BIT PARK CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	20	0
CRBCON	105	CC		CONCRETE CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	224	0
CRBGR	126	GC		GRANITE CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	96	0
CRBGRS	127	GSC		GRANITE SLOPED CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	97	0
ERDBIT	101	EB	BDR	EDGE OF BITUMINOUS ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	18	0
ERDCON	102	EC	CDR	EDGE OF CONCRETE ROAD	28	80	0		10FT		27 ROADWAY/LEAKOFFS	27	225	0
ERDDRT	103	ED	DDR	EDGE OF DIRT ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	208	0
ERDGRV	215	EG	GDR	EDGE OF GRAVEL ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	32	0
LOBIT	217	BLO		BITUMINOUS LEAKOFF	28	80	0		3		27 ROADWAY/LEAKOFFS	27	19	0
LOERTH	218	ELO		EARTH LEAKOFF	28	80	0		3		27 ROADWAY/LEAKOFFS	27	80	0
RUMBLE	147	RS		RUMBLE STRIPS	28	80	0		1		27 ROADWAY/LEAKOFFS	27	16	0
DARROW				DIRECTION (OF TRAVEL) ARROW	28	100	0	DARROW			28 ROADWAY ANNOTATION	28	112	0
RTSYI				INTERSTATE RTE SYMBOL	28	100	0	RTSYI			28 ROADWAY ANNOTATION	28	113	1

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
RTSYST				STATE ROAD MARKER SYMBOL	28	100	0	RTSYST		XXX	28 ROADWAY ANNOTATION	28	114	1
RTSYUS				US ROUTE SYMBOL	28	100	0	RTSYUS		X	28 ROADWAY ANNOTATION	28	115	1
CONPAD	347	PAD		CONCRETE PAD	30	80	0		0		29 WALKS/STEPS/DECKS	29	230	0
STEPC	110	CS		CONC STEPS	30	80	0		0		29 WALKS/STEPS/DECKS	29	225	0
STEPW	111	WS		WOOD STEPS	30	80	0		0		29 WALKS/STEPS/DECKS	29	209	0
WLKBC	108	BW		BITUMINOUS WALK	30	80	0		3		29 WALKS/STEPS/DECKS	29	20	0
WLKBK	100	BKW		BRICK WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	21	0
WLKBLU	368	BSW		BLUESTONE WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	112	0
WLKC	109	CW		CONCRETE WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	226	0
WLKG	214	GW		GRAVEL WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	32	0
WLKRMP	141	RMP		SIDEWALK RAMP	30	80	0	WLKRMP			29 WALKS/STEPS/DECKS	29	226	0
FEBRD	116	BF		BOARD FENCE	32	80	0		FEBRD		31 FENCES	31	208	0
FECHLK	113	CLF	WRF	CHAIN LINK/WIRE FENCE	32	80	0		FECHLK		31 FENCES	31	226	0
FEPICK	114	PF	SRF	PICKET/RUSTIC/SPLIT RAIL FENCE	32	80	0		FEPICK		31 FENCES	31	210	0
FEPIPE	115	PRF		PIPE RAIL FENCE	32	80	0		FEPIPE		31 FENCES	31	224	0
FESILT	129	SF		SILT FENCE	32	80	0		FESILT		31 FENCES	31	227	0

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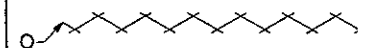
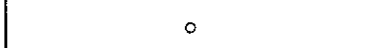
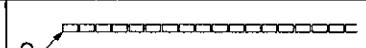
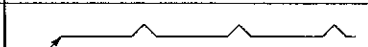
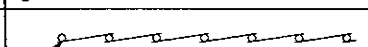
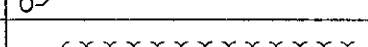
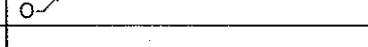
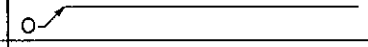
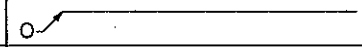
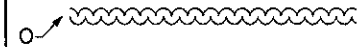
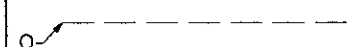
FEVARL	349	VRF		VIRGINIA RAIL FENCE	32	80	0		FEVARL		31 FENCES	31	211	0
GATE	165	GA		GATE POST	32	80	0	GATE			31 FENCES	31	80	0
WALLBK	223	BKWL		BRICK WALL	32	80	0		WALLBK		31 WALLS	31	16	0
WALLCR	224	CRW		POURED CONC RET WALL	32	80	0		WALLRE		31 WALLS	31	229	0
WALLNB	350	NB		NOISE BARRIER WALL	32	80	0		WALLNB		31 WALLS	31	213	0
WALLRE	420	RWL		RETAINING WALL	32	80	0		WALLRE		31 WALLS	31	208	0
WALLSF	358	SWF		STONE WALL FACE	32	80	0		WALLS2		31 WALLS	31	228	0
WALLST	220	SWL	REM	STONE WALL /REMAINS	32	80	0		WALLST		31 WALLS	31	225	0
WALLTR	225	TRW		TIMBER RET WALL	32	80	0		WALLRE		31 WALLS	31	212	0
WALLWG	421	WW		WINGWALL	32	80	0		0		31 WALLS	31	112	0
CULT	499	CA		CULTIVATED AREA	34	80	0		3		33 TREES/VEGETATION	33	80	0
HEDGES	505	HR		HEDGE ROW	34	80	0		HEDGES		33 TREES/VEGETATION	33	81	0
LAWN	500	EL		EDGE OF LAWN	34	80	0		3		33 TREES/VEGETATION	33	82	0
SHRUB	503	S		SHRUB	34	80	0	SHRUB			33 TREES/VEGETATION	33	83	0
SHRUBR	507	SR		SHRUB ROW	34	80	0		SHRUBR		33 TREES/VEGETATION	33	87	0
TREEDC	501	DT		DECIDUOUS TREE	34	80	0	TREEDC			33 TREES/VEGETATION	33	84	0

V = VARIOUS

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EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

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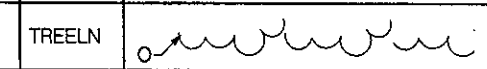
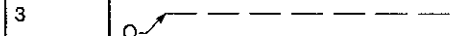
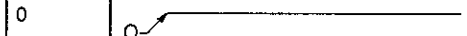
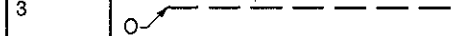
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
TREELN	504	TL		TREE LINE	34	80	0		TREELN		33 TREES/VEGETATION	33	85	0
TREEVR	502	CT		CONIFEROUS TREE	34	80	0	TREEVR			33 TREES/VEGETATION	33	86	0
FILLP	309	FP		FILLER PIPE	36	80	0	FILLP			35 GAS STATIONS	35	48	0
GASPMP	310	GP		GAS PUMP	36	80	0	GASPMP			35 GAS STATIONS	35	49	0
WELLM	397	MW		MONITOR WELL	36	80	0	WELLM			35 GAS STATIONS	35	129	0
ATHFLD	311	AF		ATHLETIC FIELD	36	80	0		3		35 MISC TOPO	35	87	0
CONPAT				CONCRETE PATTERN	36	80	0	CONPAT			35 MISC TOPO	35	227	0
MAILBX	306	MB		MAILBOX	36	80	0	MAILBX			35 MISC TOPO	35	224	0
MAILL	337	LMB		MAILBOX (LINEAR)	36	80	0		0		35 MISC TOPO	35	231	0
METERP	353	PMT		PARKING METER	36	80	0	METERP			35 MISC TOPO	35	225	0
PILLAR	164	PLR		STONE PILLAR (AT END OF DRIVE)	36	80	0	PILLAR			35 MISC TOPO	35	232	0
POSTAL	369	POB		US POSTAL BOX	36	80	0	POSTAL			35 MISC TOPO	35	33	0
RECEQ	312	REC		RECREATION EQUIPMENT	36	80	0		0		35 MISC TOPO	35	209	0
TIEDWN	290	TD		AIRPLANE TIE DOWN	36	80	0	TIEDWN			35 MISC TOPO	35	228	0
UNDERC	314	UC		UNDER CONSTRUCTION	36	80	0		3		35 MISC TOPO	35	229	2
LEDGE	221	LO		LEDGE OUTCROP	36	80	0		LEDGE		35 STONES/ROCK	35	208	0

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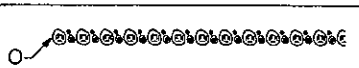
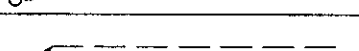
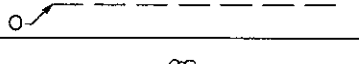
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
ROCK	150	RK		ROCK/BOULDER	36	80	0	ROCK			35 STONES/ROCK	35	210	0
ROCKL	163	RL		ROCK/BOULDER (LINEAR)	36	80	0		ROCKL		35 STONES/ROCK	35	214	0
SPILE	315	STK		STOCKPILE	36	80	0		3		35 STONES/ROCK	35	211	0
STONES	151	POS		PILE OF STONES	36	80	0	STONES			35 STONES/ROCK	35	212	0
BRIDGE	520	BR		BRIDGE	38	80	0		0		37 BRIDGES	37	48	0
FOOTBR	521	FB		FOOT BRIDGE	38	80	0		0		37 BRIDGES	37	96	0
PARA	204	PAR		PARAPET	38	80	0		0		37 BRIDGES	37	160	0
PIER	200	PR		PIER	38	80	0		0		37 BRIDGES	37	176	0
BLDG	201	B		BUILDING	40	80	0		0		39 BUILDINGS	39	48	2
BLDGC	202	BZ		BUILDING (CLOSED)	40	80	0		0		39 BUILDINGS	39	58	2
DECKW	153	WD		WOOD DECK	40	80	0		0		39 BUILDINGS	39	208	0
OVRHNG	205	OV		OVERHANG	40	80	0		3		39 BUILDINGS	39	192	0
PATIO	313	PAT		PATIO	40	80	0		0		39 BUILDINGS	39	224	0
RUINS	316	RU		STRUCTURAL RUINS	40	80	0		WALLRE		39 BUILDINGS	39	64	0
SILLEL	170	SIL		BUILDING SILL ELEVATION	40	80	0	SILLEL			39 BUILDINGS	39	162	0
SWPOIN	216	IG		IN GROUND SWIMMING POOL	40	80	0		0		39 BUILDINGS	39	112	0

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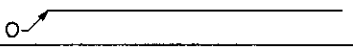
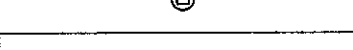
LISTED BY "CATEGORY"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
SWPOOL	121	AG		SWIMMING POOL (ABOVE GROUND)	40	80	0		0		39 BUILDINGS	39	113	0
BP	326	BP		BRASS PIN (FOUND)	44	80	0	BP			43 MONUMENTATION	43	64	1
BPNF				BRASS PIN (NOT FOUND)	44	80	0	BPNF			43 MONUMENTATION	43	65	1
CHD	318	CHD		CHD MONUMENT (FOUND)	44	80	0	CHD			43 MONUMENTATION	43	96	1
CHDNF				CHD MONUMENT (NOT FOUND)	44	80	0	CHDNF			43 MONUMENTATION	43	97	1
CHDNP				CHD (NON PERMANENT POINT)	44	80	0	CHDNP			43 MONUMENTATION	43	98	1
DH	325	DH		DRILL HOLE (FOUND)	44	80	0	DH			43 MONUMENTATION	43	208	1
DHNF				DRILL HOLE (NOT FOUND)	44	80	0	DHNF			43 MONUMENTATION	43	209	1
FEDMKR	161	FM		FEDERAL AID MARKER	44	80	0	FEDMKR			43 MONUMENTATION	43	80	0
IP	321	IP		IRON PIN/PIPE (FOUND)	44	80	0	IP			43 MONUMENTATION	43	226	1
IPNF				IRON PIN/PIPE (NOT FOUND)	44	80	0	IPNF			43 MONUMENTATION	43	225	1
MON	319	MON		CONCRETE MONUMENT	44	80	0	MON			43 MONUMENTATION	43	224	0
MS	327	MS		MERESTONE (FOUND)	44	80	0	MS			43 MONUMENTATION	43	210	1
MSNF				MERESTONE (NOT FOUND)	44	80	0	MSNF			43 MONUMENTATION	43	211	1
TWNMON	162	TM		TOWN MONUMENT	44	80	0	TWNMON			43 MONUMENTATION	43	160	0
DIRLN				DIRECTIONAL LINE	44	100	1		HWY2		43 ROW LINES	43	V	1

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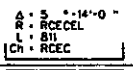
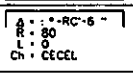
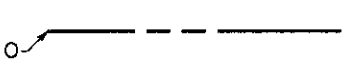
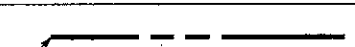
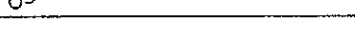
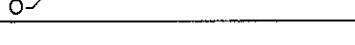
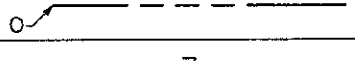
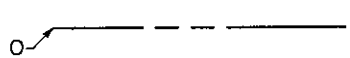
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
EASMLN				EASEMENT LINE	44	80	0		HWY3		43 ROW LINES	43	128	1
HLCBOT				HIGHWAY LINE CURVE DATA	44	100	1	HLCBOT			43 ROW LINES	44	19	1
HLCTOP				HIGHWAY LINE CURVE DATA	44	100	1	HLCTOP			43 ROW LINES	44	19	1
HWYBIN				BND INT NON ACCESS HWY LN	44	100	1		HWY2		43 ROW LINES	43	16	3
HWYBNA				BOUNDARY NON ACCESS HWY LINE	44	100	1		HWY2		43 ROW LINES	43	17	6
HWYBUA				BND UNLIM ACCESS HWY LINE	44	100	1		HWY4		43 ROW LINES	43	18	6
HWYLOC				LOCATION SURVEY HWY LINE	44	100	0		HWY2		43 ROW LINES	43	16	2
LEASE				LEASE LINE	44	100	1		HWY3		43 ROW LINES	43	31	V
LOTLN				LOT LINE	44	120	2		LOTLN		43 ROW LINES	43	160	1
LOTSY				LOT LINE (SAME OWNER) SYMBOL	44	120	1	LOTSY			43 ROW LINES	43	161	1
NOTEPM				SAMPLE PROPERTY EASEMENT	44	80	1	NOTEPM		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	10	0
NOTERW				SAMPLE ROW EASEMENT	44	80	1	NOTERW		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	10	0
PLSMIN				PLUS–MINUS SIGN	44	80	1	PLSMIN		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	20	1
PROPLN				PROPERTY LINE	44	120	2		HWY2		43 ROW LINES	43	181	1
PROPSY				PROPERTY LINE SYMBOL	44	120	1	PROPSY			43 ROW LINES	44	181	1
RELLN				RELEASE LINE	44	100	1		HWY4		43 ROW LINES	43	28	6

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RRVAL				RR VALUATION MAP NO.	44	80	0	RRVAL		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	64	0
STALN				STATE LINE	44	140	1		TOWN		43 ROW LINES	43	111	9
STLN				STREET LINE	44	140	0		HWY2		43 ROW LINES	43	112	1
STLNSY				STREET LINE SYMBOL	44	80	0	STLNSY			43 ROW LINES	44	112	1
TAKELN				TAKING LINE	44	100	1		HWY4		43 ROW LINES	43	29	6
TWNLN				TOWN LINE	44	140	1		TOWN		43 ROW LINES	43	114	9
BM	516	BM		BENCH MARK	45	80	0	BM			45 CONTROL	45	16	1
BMBOX				BENCH MARK INFO BOX	45	80	0	BMBOX		*GRAPHIC NOT SHOWN*	45 CONTROL	45	17	0
BORING	228	BOR		BORING	46	80	0	BORING			45 CONTROL	46	32	1
CGS	522	CGS		CT GEODETIC SURVEY MONUMENT	45	80	0	CGS			45 CONTROL	45	64	1
CPT	322	CP		CONTROL POINT (TRAVERSE POINT)	45	80	0	CPT			45 CONTROL	45	112	1
CPTILN				CONTROL POINT TIE LINE	45	80	0		2		45 CONTROL	45	96	0
FLNOEL	155	FLN		FLOW LINE (NO ELEV.)	46	80	0	FLNOEL			45 CONTROL	46	1	1
LOCLN				BOUNDARY CONTROL & LOC LINE	45	80	0		0		45 CONTROL	45	32	2
POL				POINT ON LINE	45	80	0	POL			45 CONTROL	45	48	0
RADIUS				RADIUS PT	46	V	V	RADIUS		*GRAPHIC NOT SHOWN*	45 CONTROL	46	11	1

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RANDLN				RANDOM LINE	45	80	0		0		45 CONTROL	45	192	2
RANDNF				RANDOM MONUMENT (NOT FOUND)	45	80	0	RANDNF			45 CONTROL	45	49	1
RANDOM	320	RAN		RANDOM/CONTROL MONUMENT	45	80	0	RANDOM			45 CONTROL	45	50	1
REGPT	197	HV		REG. POINT DTM-HORIZ & VERT	46	80	0	REGPT			45 CONTROL	46	82	0
REGPTH	196	H		REG. POINT DTM-HORIZ	46	80	0	REGPTH			45 CONTROL	46	83	0
REGPTV	195	V		REG. POINT DTM-VERT	46	80	0	REGPTV			45 CONTROL	46	84	0
TIEBOX				CONTROL TIE BOX	45	80	0	TIEBOX		*GRAPHIC NOT SHOWN*	45 CONTROL	45	51	0
CHKLN				CHECK LINE	46	80	0		0		45 FIELD CHECKS	46	80	0
CHKPT	203	CHK		CHECK SHOT	46	80	0	CHKPT			45 FIELD CHECKS	46	81	1
PAR1				TAKE SERIAL BUBBLE	46	80	1	PAR1		1234	46 PARCEL INFO	46	176	1
PAR2				TAKE SERIAL /PARCEL BUBBLE	46	80	1	PAR2		12/123	46 PARCEL INFO	46	176	1
PAR3				RELEASE SERIAL BUBBLE	46	80	1	PAR3		1234	46 PARCEL INFO	46	177	1
PAR4				RELEASE SERIAL /PARCEL BUBBLE	46	80	1	PAR4		12/123	46 PARCEL INFO	46	177	1
PAR5				TAKE SERIAL BUBBLE LONG	46	80	1	PAR5		123-45-67	46 PARCEL INFO	46	176	1
PAR6				RELEASE SERIAL BUBBLE LONG	46	80	1	PAR6		123-45-67	46 PARCEL INFO	46	177	1
PAR7				TAKE SER /PAR BUBBLE LONG	46	80	1	PAR7		123-45-67/123	46 PARCEL INFO	46	176	1

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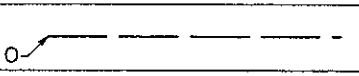
PAR8				RELEASE SER /PAR BUBBLE LONG	46	80	1	PAR8			46 PARCEL INFO	46	177	1
PARLN				PARCEL LINE	46	80	1		12HFT		46 PARCEL INFO	46	178	1
BL				20M BASELINE	49	100	1		BL20	*GRAPHIC NOT SHOWN*	49 BASELINE	48	32	2
BL100				100FT BASELINE	49	100	1		BL100	*GRAPHIC NOT SHOWN*	49 BASELINE	48	42	2
BLCUDA				BASE/CTR LINE CURVE DATA MET	49	100	1	BLCUDA		*GRAPHIC NOT SHOWN*	49 BASELINE	49	36	1
BLCUDE				BASE/CTR LINE CURVE DATA ENG	49	100	1	BLCUDE		*GRAPHIC NOT SHOWN*	49 BASELINE	49	36	1
BLKP				BASELINE KEYPOINT	49	100	1	BLKP			49 BASELINE	48	33	1
BLPI				BASELINE P.I.	49	100	1	BLPI			49 BASELINE	48	34	1
BLSTFF				BASELINE CONTROL STAFF	49	120	1		0		49 BASELINE	49	37	0
BLSY				BASE/CTR LINE SYMBOL	49	100	1	BLSY			49 BASELINE	49	38	1
EQUAL				EQUALITY SYMBOL	49	120	1	EQUAL			49 BASELINE	49	41	1
ARRWBD				BOUNDARY MAP ARROW	1	80	1	ARRWBD			50 NO ARROWS/GRIDS	1	11	2
ARRWCT				CT COORDINATE GRID ARROW	1	80	2	ARRWCT			50 NO ARROWS/GRIDS	1	11	2
ARRWM				MAGNETIC NORTH ARROW	1	80	2	ARRWM			50 NO ARROWS/GRIDS	1	11	2
GRIDLN				GRID LINE	50	80	0		0		50 NO ARROWS/GRIDS	50	3	0
GRIDM				GRID MARK	50	80	1	GRIDM		*GRAPHIC NOT SHOWN*	50 NO ARROWS/GRIDS	50	2	2

V = VARIOUS

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EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
GRIDMW				WESTERLY GRID MARK	50	80	1	GRIDMW		*GRAPHIC NOT SHOWN*	50 NO ARROWS/GRIDS	50	1	2
INDEXC				INDEX CONTOUR	51	100	1		0		51 CONTOUR LINES	51	9	1
INTERC				INTERMEDIATE CONTOUR	52	100	0		0		51 CONTOUR LINES	52	7	0
SPOTEL				SPOT ELEVATION (CONTOUR MAPS)	53	80	1	SPOTEL		×	51 CONTOUR LINES	53	8	0
GISREL				GIS RELEASE AREA	53	V	V		0		51 GIS	53	5	3
GISTAK				GIS TAKING /ACQUISITION AREA	51	V	V		0		51 GIS	51	8	3
GISTRA				GIS TRANSFER AREA	53	V	V		0		51 GIS	53	2	3
GISXSS				GIS EXCESS /SURPLUS AREA	52	V	V		0		51 GIS	52	3	3
LIMIT				FIELD EDIT LIMIT	47	120	1		3		54 TINS/DTM	47	3	5
TINBND				OUTER TIN BOUNDARY	V	V	V		0		54 TINS/DTM	55	2	1
TINLN				TIN (TRIANGULATION)	V	V	V		0		54 TINS/DTM	57	5	0
VOID				INSIDE VOID REGION	54	120	1		0		54 TINS/DTM	54	12	1
BRKLN	999	BL		BREAKLINE	56	80	0		0		56 BREAKLINES	56	10	0
EES	904	EES		EARTH TOE SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	5	0
EFILL	910	EF		EARTH FILL	56	80	0		2		56 EARTH BREAKLINES	56	5	0
EPS	903	EPS		EARTH TOP SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	1	0

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LISTED BY "CATEGORY"

EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
EX	902	EX		EARTH EXCAVATION	56	80	0		2		56 EARTH BREAKLINES	56	5	0
FES	909	FES		FINAL TOE SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	5	0
FPS	908	FPS		FINAL TOP SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	1	0
OG	901	OG		ORIGINAL GROUND	56	80	0		2		56 EARTH BREAKLINES	56	5	0
CLINE	122	CTL		ROAD CENTERLINE	56	80	0		4		56 ROAD BREAKLINES	56	3	0
CRWN	907	CR		CROWN OF ROAD	56	80	0		1		56 ROAD BREAKLINES	56	3	0
GUTTER	906	GL		GUTTER LINE	56	80	0		2		56 ROAD BREAKLINES	56	5	0
TOC	905	TC		TOP OF CURB	56	80	0		0		56 ROAD BREAKLINES	56	1	0
FRES	919	FRES		FINAL ROCK TOE SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	5	0
FRPS	918	FRPS		FINAL ROCK TOP SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	1	0
OR	911	OR		ORIGINAL ROCK	56	80	0		2		56 ROCK BREAKLINES	56	5	0
ORES	914	ORES		ORIGINAL ROCK TOE SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	5	0
ORPS	913	ORPS		ORIGINAL ROCK TOP SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	1	0
RX	912	RX		ROCK EXCAVATION	56	80	0		2		56 ROCK BREAKLINES	56	5	0
STE	916	STE		GROUND AT STRUCTURE	56	80	0		2		56 STRUCTURE BREAKLINES	56	5	0
STP	915	STP		TOP STRUCTURE	56	80	0		2		56 STRUCTURE BREAKLINES	56	1	0

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FLEL	154	FL		FLOW LINE W/ELEVATION	59	80	0	FLEL		☆	58 MASS PTS/SPOT SHOTS	59	5	1
MASSPT				PHOTOGRAMMETRY MASS POINT	V	V	V	MASSPT		O↘	58 MASS PTS/SPOT SHOTS	58	12	4
SPOT	515	SS		SPOT SHOT (ELEVATION ONLY)	V	V	V	SPOT		+	58 MASS PTS/SPOT SHOTS	59	10	4
APOINT	418	AP		ACTIVE PT FOR LOCATION SHOTS	V	V	V	APOINT		O↘	63 MISC	63	4	4

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SEPTEMBER 2003

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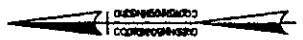
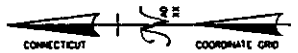
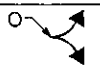
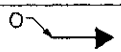
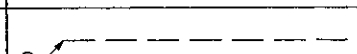
AAVER				CELL LIBRARY VERSION	1	V	V	AAVER		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V
APOINT	418	AP		ACTIVE PT FOR LOCATION SHOTS	V	V	V	APOINT			63 MISC	63	4	4
ARRWBD				BOUNDARY MAP ARROW	1	80	1	ARRWBD			50 NO ARROWS/GRIDS	1	11	2
ARRWCT				CT COORDINATE GRID ARROW	1	80	2	ARRWCT			50 NO ARROWS/GRIDS	1	11	2
ARRWM				MAGNETIC NORTH ARROW	1	80	2	ARRWM			50 NO ARROWS/GRIDS	1	11	2
ARWL	135	AL		PVMT ARROW LEFT	24	80	0	ARWL			23 PAVEMENT MARKINGS	23	224	1
ARWLR	136	ALR		PVMT ARROW LEFT/RIGHT	24	80	0	ARWLR			23 PAVEMENT MARKINGS	23	224	1
ARWR	137	AR		PVMT ARROW RIGHT	24	80	0	ARWR			23 PAVEMENT MARKINGS	23	224	1
ARWS	138	AS		PVMT ARROW STRAIGHT	24	80	0	ARWS			23 PAVEMENT MARKINGS	23	224	1
ARWSL	139	ASL		PVMT ARROW STRAIGHT/LEFT	24	80	0	ARWSL			23 PAVEMENT MARKINGS	23	224	1
ARWSLR	140	ASLR		PVMT ARROW STRAIGHT/LEFT/RIGHT	24	80	0	ARWSLR			23 PAVEMENT MARKINGS	23	224	1
ARWSR	142	ASR		PVMT ARROW STRAIGHT/RIGHT	24	80	0	ARWSR			23 PAVEMENT MARKINGS	23	224	1
ATHFLD	311	AF		ATHLETIC FIELD	36	80	0		3		35 MISC TOPO	35	87	0
ATRKI	554	ATA		RR CAT TOWER AMTRACK 1	18	80	0	ATRK1			17 RR UTILITIES	17	64	0
ATRKII	555	ATB		RR CAT TOWER AMTRACK 2	18	80	0	ATRK2			17 RR UTILITIES	17	64	0
ATRKII	556	ATC		RR CAT TOWER AMTRACK 2A	18	80	0	ATRK2A			17 RR UTILITIES	17	64	0

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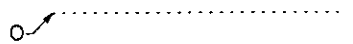
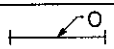
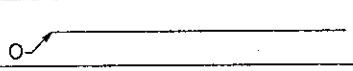
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
ATRKII	557	ATD		RR CAT TOWER AMTRACK 3	18	80	0	ATRK3			17 RR UTILITIES	17	64	0
ATRKIV	558	ATE		RR CAT TOWER AMTRACK 4	18	80	0	ATRK4			17 RR UTILITIES	17	64	0
ATRKV	559	ATF		RR CAT TOWER AMTRACK 5	18	80	0	ATRK5			17 RR UTILITIES	17	64	0
ATRKVI	560	ATG		RR CAT TOWER AMTRACK 6	18	80	0	ATRK6			17 RR UTILITIES	17	64	0
ATRKVI	561	ATH		RR CAT TOWER AMTRACK 7	18	80	0	ATRK7			17 RR UTILITIES	17	64	0
BALLST	552	BAL		EDGE OF RR BALLAST	16	80	0		1		16 RR TRACKS	16	224	0
BARRI	299	BRA		CONSTRUCTION BARRICADE TYPE 1	26	80	0	BARR1			25 BARRIERS/GUIDE RAILS/POSTS	25	224	0
BARRII	300	BRB		CONSTRUCTION BARRICADE TYPE 2	26	80	0	BARR2			25 BARRIERS/GUIDE RAILS/POSTS	25	225	0
BBRD	305	BB		BILLBOARD	20	80	0	BBRD			19 SIGNS/POSTS/POLES	19	160	0
BBRDL	334	BBL		BILLBOARD (LINEAR)	20	80	0		0		19 SIGNS/POSTS/POLES	19	162	0
BD2X3				BLANK 2X3 BORDER	1	V	V	BD2X3		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	0
BDBLOK				PLAN MAP TITLE BLOCK	1	V	V	BDBLOK		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDBND				ROW PLAN BORDER	1	V	V	BDBND		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDBND2				ROW MAP BORDER 2 SIGS	V	V	V	BDBND2		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPL18				12" X 18" PLAN MAP BORDER	1	V	V	BDPL18		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPL24				18" X 24" PLAN MAP BORDER	1	V	V	BDPL24		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V

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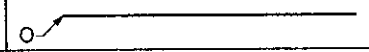
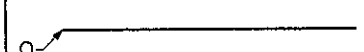
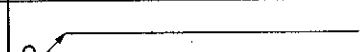
BDPL36				24" X 36" PLAN MAP BORDER	1	V	V	BDPL36		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDPROJ				TWN PROJ SER SH FOR BORDER	1	V	V	BDPROJ		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BDSIG				SIGNATURE FOR BORDER	1	V	V	BDSIG		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
BL				20M BASELINE	49	100	1			*GRAPHIC NOT SHOWN*	49 BASELINE	48	32	2
BL100				100FT BASELINE	49	100	1			*GRAPHIC NOT SHOWN*	49 BASELINE	48	42	2
BLCUDA				BASE/CTR LINE CURVE DATA MET	49	100	1	BLCUDA		*GRAPHIC NOT SHOWN*	49 BASELINE	49	36	1
BLCUDE				BASE/CTR LINE CURVE DATA ENG	49	100	1	BLCUDE		*GRAPHIC NOT SHOWN*	49 BASELINE	49	36	1
BLDG	201	B		BUILDING	40	80	0		0		39 BUILDINGS	39	48	2
BLDGC	202	BZ		BUILDING (CLOSED)	40	80	0		0		39 BUILDINGS	39	58	2
BLKP				BASELINE KEYPOINT	49	100	1	BLKP			49 BASELINE	48	33	1
BLPI				BASELINE P.I.	49	100	1	BLPI			49 BASELINE	48	34	1
BLSTFF				BASELINE CONTROL STAFF	49	120	1		0		49 BASELINE	49	37	0
BLSY				BASE/CTR LINE SYMBOL	49	100	1	BLSY			49 BASELINE	49	38	1
BM	516	BM		BENCH MARK	45	80	0	BM			45 CONTROL	45	16	1
BMBOX				BENCH MARK INFO BOX	45	80	0	BMBOX		*GRAPHIC NOT SHOWN*	45 CONTROL	45	17	0
BORING	228	BOR		BORING	46	80	0	BORING			45 CONTROL	46	32	1

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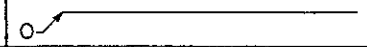
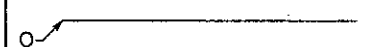
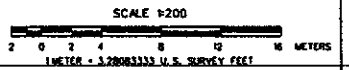
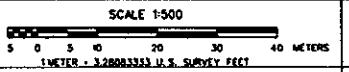
BP	326	BP		BRASS PIN (FOUND)	44	80	0	BP		●	43 MONUMENTATION	43	64	1
BPNF				BRASS PIN (NOT FOUND)	44	80	0	BPNF		⊙	43 MONUMENTATION	43	65	1
BRIDGE	520	BR		BRIDGE	38	80	0		0		37 BRIDGES	37	48	0
BRKLN	999	BL		BREAKLINE	56	80	0		0		56 BREAKLINES	56	10	0
BRKSY				LINE BREAK SYMBOL	V	V	V		BRKSY		01 NOTES/REVISIONS/LABELS	V	V	0
BSFEET				XFT:1IN BAR SCALE	1	80	0	BSFEET			01 BORDERS/BLOCKS	1	226	0
BSM200				2M:1CM BAR SCALE	1	80	1	BSM200			01 BORDERS/BLOCKS	1	225	0
BSM500				5M:1CM BAR SCALE	1	80	1	BSM500			01 BORDERS/BLOCKS	1	225	0
CBC	601	C		C CB	6	80	0	CBC			05 CATCH BASINS/MANHOLES	5	112	0
CBCG	607	CG		CG CB	6	80	0	CBCG			05 CATCH BASINS/MANHOLES	5	113	0
CBCL	602	CLB		C-L CB	6	80	0	CBCL			05 CATCH BASINS/MANHOLES	5	114	0
CBDATA				CATCH BASIN /MANHOLE INFO	7	80	0	CBDATA		*GRAPHIC NOT SHOWN*	05 CATCH BASINS/MANHOLES	7	V	0
CBDC	603	DC		DBL C CB	6	80	0	CBDC			05 CATCH BASINS/MANHOLES	5	116	0
CBDCE	605	DCE		DBL C CB (END-TO-END)	6	80	0	CBDCE			05 CATCH BASINS/MANHOLES	5	117	0
CBDCL	604	DCL		DBL CL CB	6	80	0	CBDCL			05 CATCH BASINS/MANHOLES	5	118	0
CBDCLE	606	DCLE		DBL C-L CB (END-TO-END)	6	80	0	CBDCLE			05 CATCH BASINS/MANHOLES	5	119	0

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CBDG	624	DG		D-G ENDWALL	6	80	0	CBDG			05 CATCH BASINS/MANHOLES	5	120	0
CBRCL	622	RCL		ROUND DRAIN	6	80	0	CBRCL			05 CATCH BASINS/MANHOLES	5	121	0
CBTWN	623	TT		TOWN TYPE CB	6	80	0	CBTWN			05 CATCH BASINS/MANHOLES	5	122	0
CGS	522	CGS		CT GEODETIC SURVEY MONUMENT	45	80	0	CGS			45 CONTROL	45	64	1
CHD	318	CHD		CHD MONUMENT (FOUND)	44	80	0	CHD			43 MONUMENTATION	43	96	1
CHDNF				CHD MONUMENT (NOT FOUND)	44	80	0	CHDNF			43 MONUMENTATION	43	97	1
CHDNP				CHD (NON PERMANENT POINT)	44	80	0	CHDNP			43 MONUMENTATION	43	98	1
CHELN				CHANNEL ENCROACHMENT LINE	3	80	0		HWY1		02 COURSES/WETLANDS	2	112	1
CHKLN				CHECK LINE	46	80	0		0		45 FIELD CHECKS	46	80	0
CHKPT	203	CHK		CHECK SHOT	46	80	0	CHKPT			45 FIELD CHECKS	46	81	1
CLINE	122	CTL		ROAD CENTERLINE	56	80	0		4		56 ROAD BREAKLINES	56	3	0
CMP	720	CMP		CMP > 48IN	6	80	0		3		04 METAL PIPES	4	128	0
CMPE	712	MPE		12IN CMP	6	80	0		3		04 METAL PIPES	4	131	0
CMPF	713	MPF		15IN CMP	6	80	0		3		04 METAL PIPES	4	132	0
CMPG	714	MPG		18IN CMP	6	80	0		PIPE18		04 METAL PIPES	4	133	0
CMPH	722	MPH		21IN CMP	6	80	0		PIPE21		04 METAL PIPES	4	134	0

V=VARIOUS

*TEXT: FONT=1 (WORKING), UPPERCASE, WIDTH=HEIGHT, SIZE BASED ON LEROY.

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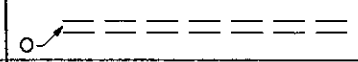
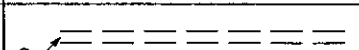
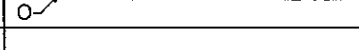
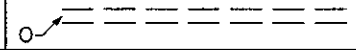
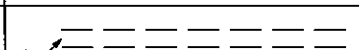
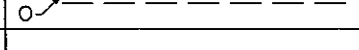
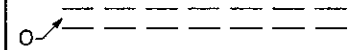
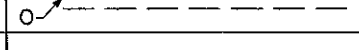
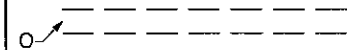
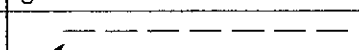
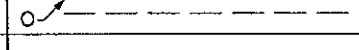
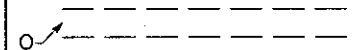
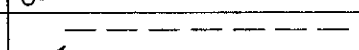
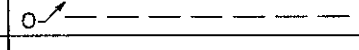
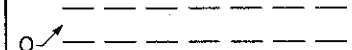
SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
CMPI	715	MPI		24IN CMP	6	80	0		PIPE24		04 METAL PIPES	4	135	0
CMPK	716	MPK		30IN CMP	6	80	0		PIPE30		04 METAL PIPES	4	136	0
CMPM	717	MPM		36IN CMP	6	80	0		PIPE36		04 METAL PIPES	4	137	0
CMPN	718	MPN		42IN CMP	6	80	0		PIPE42		04 METAL PIPES	4	129	0
CMPO	719	MPO		48IN CMP	6	80	0		PIPE48		04 METAL PIPES	4	130	0
CMPP	731	MPP		54IN CMP	6	80	0		PIPE54		04 METAL PIPES	4	138	0
CMPQ	732	MPQ		60IN CMP	6	80	0		PIPE60		04 METAL PIPES	4	139	0
CMPR	733	MPR		66IN CMP	6	80	0		PIPE66		04 METAL PIPES	4	140	0
CMPS	734	MPS		72IN CMP	6	80	0		PIPE72		04 METAL PIPES	4	141	0
CMPT	735	MPT		78IN CMP	6	80	0		PIPE78		04 METAL PIPES	4	142	0
CMPU	736	MPU		84IN CMP	6	80	0		PIPE84		04 METAL PIPES	4	143	0
CONPAD	347	PAD		CONCRETE PAD	30	80	0		0		29 WALKS/STEPS/DECKS	29	230	0
CONPAT				CONCRETE PATTERN	36	80	0	CONPAT			35 MISC TOPO	35	227	0
COOLER	360	FAN		INDUSTRIAL COOLING STRUCTURE	15	80	0		0		14 PROPANE/AC	14	22	0
CPT	322	CP		CONTROL POINT (TRAVERSE POINT)	45	80	0	CPT			45 CONTROL	45	112	1
CPTILN				CONTROL POINT TIE LINE	45	80	0		2		45 CONTROL	45	96	0

V=VARIOUS

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CRBBCL	104	BC		BIT CONCRETE LIP CURBING	28	80	0		0		27 ROADWAY/LEAKOFFS	27	17	0
CRBBCP	143	BPC		4IN BIT PARK CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	20	0
CRBCON	105	CC		CONCRETE CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	224	0
CRBGR	126	GC		GRANITE CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	96	0
CRBGRS	127	GSC		GRANITE SLOPED CURBING	28	80	0		CRB		27 ROADWAY/LEAKOFFS	27	97	0
CRTBND				BOUNDARY MAP CERT	1	100	1	CRTBND		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	227	1
CRTCMP				COMPILATION PLAN CERT	1	80	1	CRTCMP		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	227	1
CRTROW				RIGHT OF WAY SURVEY CERT	1	80	1	CRTROW		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	227	1
CRWN	907	CR		CROWN OF ROAD	56	80	0		1		56 ROAD BREAKLINES	56	3	0
CULT	499	CA		CULTIVATED AREA	34	80	0		3		33 TREES/VEGETATION	33	80	0
CULV	650	BX		BOX CULVERT	6	80	0		3		04 MISC PIPES	4	32	0
CUT				CUT LINE	V	V	V		CUT		01 NOTES/REVISIONS/LABELS	V	V	4
DAM	415	DAM		DAM	3	80	0		0		02 COURSES/WETLANDS	2	224	0
DARROW				DIRECTION (OF TRAVEL) ARROW	28	100	0	DARROW			28 ROADWAY ANNOTATION	28	112	0
DECKW	153	WD		WOOD DECK	40	80	0		0		39 BUILDINGS	39	208	0
DH	325	DH		DRILL HOLE (FOUND)	44	80	0	DH			43 MONUMENTATION	43	208	1

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DHNF				DRILL HOLE (NOT FOUND)	44	80	0	DHNF		⊙	43 MONUMENTATION	43	209	1
DIRLN				DIRECTIONAL LINE	44	100	1		HWY2		43 ROW LINES	43	V	1
DITCH	119	BD		PAVED/BIT DITCH	3	80	0		0		02 DITCHES	2	96	0
DITCHE	160	DD		DIRT/EARTH DITCH	3	80	0		3		02 DITCHES	2	97	0
DLINR	324	DL		REFLECTIVE DELINEATOR	20	80	0	DLINR		○	19 SIGNS/POSTS/POLES	19	64	0
EASMLN				EASEMENT LINE	44	80	0		HWY3		43 ROW LINES	43	128	1
EBOXSP	357	ESB		ELECTRIC SPLICE BOX	11	80	0	EBOXSP		▫	11 ELECTRIC	11	20	0
EBOXTR	422	ETB		ELECTRIC TRANSFORMER BOX	11	80	0	EBOXTR		⊡	11 ELECTRIC	11	16	0
EDGMAR	219	ML		MARSH LIMITS	3	80	0		3		02 COURSES/WETLANDS	2	114	0
EDGWTR	117	EW		EDGE WATER BODY (POND/LAKE)	3	80	0		EDGH2O		02 COURSES/WETLANDS	2	113	0
EES	904	EES		EARTH TOE SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	5	0
EFILL	910	EF		EARTH FILL	56	80	0		2		56 EARTH BREAKLINES	56	5	0
EPS	903	EPS		EARTH TOP SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	1	0
EQUAL				EQUALITY SYMBOL	49	120	1	EQUAL		⌯	49 BASELINE	49	41	1
ERDBIT	101	EB	BDR	EDGE OF BITUMINOUS ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	18	0
ERDCON	102	EC	CDR	EDGE OF CONCRETE ROAD	28	80	0		10FT		27 ROADWAY/LEAKOFFS	27	225	0

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
ERDDRT	103	ED	DDR	EDGE OF DIRT ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	208	0
ERDGRV	215	EG	GDR	EDGE OF GRAVEL ROAD	28	80	0		3		27 ROADWAY/LEAKOFFS	27	32	0
EX	902	EX		EARTH EXCAVATION	56	80	0		2		56 EARTH BREAKLINES	56	5	0
FEBRD	116	BF		BOARD FENCE	32	80	0		FEBRD		31 FENCES	31	208	0
FECHLK	113	CLF	WRF	CHAIN LINK/WIRE FENCE	32	80	0		FECHLK		31 FENCES	31	226	0
FEDMKR	161	FM		FEDERAL AID MARKER	44	80	0	FEDMKR			43 MONUMENTATION	43	80	0
FEPICK	114	PF	SRF	PICKET/RUSTIC/SPLIT RAIL FENCE	32	80	0		FEPICK		31 FENCES	31	210	0
FEPIPE	115	PRF		PIPE RAIL FENCE	32	80	0		FEPIPE		31 FENCES	31	224	0
FES	909	FES		FINAL TOE SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	5	0
FESILT	129	SF		SILT FENCE	32	80	0		FESILT		31 FENCES	31	227	0
FEVARL	349	VRF		VIRGINIA RAIL FENCE	32	80	0		FEVARL		31 FENCES	31	211	0
FILL				FILL LINE	V	V	V		FILL	F F	01 NOTES/REVISIONS/LABELS	V	V	4
FILLP	309	FP		FILLER PIPE	36	80	0	FILLP			35 GAS STATIONS	35	48	0
FIRHYD	308	FH		FIRE HYDRANT	13	80	0	FIRHYD			13 WATER UTILITIES	13	16	0
FLEL	154	FL		FLOW LINE W/ELEVATION	59	80	0	FLEL			58 MASS PTS/SPOT SHOTS	59	5	1
FLGPO	302	FLG		FLAG POLE	20	80	0	FLGPO			19 SIGNS/POSTS/POLES	19	161	0

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FLNOEL	155	FLN		FLOW LINE (NO ELEV.)	46	80	0	FLNOEL			45 CONTROL	46	1	1
FLOW				DIRECTION OF PIPE FLOW	6	80	0	FLOW			05 MISC DRAINAGE	6	144	0
FLOWR				DIRECTION OF RIVER FLOW	3	80	0	FLOWR			02 COURSES/WETLANDS	2	115	1
FLOWT				DIRECTION OF TIDAL FLOW	3	80	0	FLOWT			02 COURSES/WETLANDS	2	116	1
FOOTBR	521	FB		FOOT BRIDGE	38	80	0		0		37 BRIDGES	37	96	0
FPS	908	FPS		FINAL TOP SLOPE	56	80	0		2		56 EARTH BREAKLINES	56	1	0
FRES	919	FRES		FINAL ROCK TOE SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	5	0
FRPS	918	FRPS		FINAL ROCK TOP SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	1	0
GASGT	403	GG		GAS GATE	12	80	0	GASGT			12 NATURAL GAS	12	48	0
GASM	404	GM		GAS MAIN	12	80	0		GASM		12 NATURAL GAS	12	49	0
GASMSY				GAS MAIN SYMBOL	12	80	0	GASMSY			12 NATURAL GAS	12	49	0
GASPMP	310	GP		GAS PUMP	36	80	0	GASPMP			35 GAS STATIONS	35	49	0
GASREG	366	GRV		GAS REGULATOR VAULT	12	80	0	GASREG			12 NATURAL GAS	12	53	0
GASTEL	367	GTB		GAS TELEMETRY BOX	12	80	0	GASTEL			12 NATURAL GAS	12	52	0
GASVP	159	GVP		GAS VENT PIPE	12	80	0	GASVP			12 NATURAL GAS	12	50	0
GATE	165	GA		GATE POST	32	80	0	GATE			31 FENCES	31	80	0

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GISREL				GIS RELEASE AREA	53	V	V		0		51 GIS	53	5	3
GISTAK				GIS TAKING /ACQUISITION AREA	51	V	V		0		51 GIS	51	8	3
GISTRA				GIS TRANSFER AREA	53	V	V		0		51 GIS	53	2	3
GISXSS				GIS EXCESS /SURPLUS AREA	52	V	V		0		51 GIS	52	3	3
GRAILD	405	DGR		DOUBLE GUIDE RAIL	26	80	0		GRAILD		25 BARRIERS/GUIDE RAILS/POSTS	25	128	0
GRAILS	106	MBR		GUIDE RAIL	26	80	0		0		25 BARRIERS/GUIDE RAILS/POSTS	25	176	0
GRAILW	123	WR		WIRE ROPE RAIL W/WOOD POSTS	26	80	0		GRAILW		25 BARRIERS/GUIDE RAILS/POSTS	25	208	0
GRENDA	128	END		GUIDE RAIL END ANCHORAGE	26	80	0	GRENDA			25 BARRIERS/GUIDE RAILS/POSTS	25	177	2
GRIDLN				GRID LINE	50	80	0		0		50 NO ARROWS/GRIDS	50	3	0
GRIDM				GRID MARK	50	80	1	GRIDM		*GRAPHIC NOT SHOWN*	50 NO ARROWS/GRIDS	50	2	2
GRIDMW				WESTERLY GRID MARK	50	80	1	GRIDMW		*GRAPHIC NOT SHOWN*	50 NO ARROWS/GRIDS	50	1	2
GUTTER	906	GL		GUTTER LINE	56	80	0		2		56 ROAD BREAKLINES	56	5	0
GUYPOL	398	GYP		GUY POLE	15	80	0	GUYPOL			14 OVERHEAD UTILITIES/POLES	14	16	0
GUYWIR	409	GY		GUY WIRE	15	80	0	GUYWIR			14 OVERHEAD UTILITIES/POLES	14	17	0
HANDI	148	HP		HANDICAP PARKING	24	80	0	HANDI			23 PAVEMENT MARKINGS	23	225	1
HEDGES	505	HR		HEDGE ROW	34	80	0		HEDGES		33 TREES/VEGETATION	33	81	0

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HH	608	HH		HANDHOLE	22	80	0	HH			21 SIGNAL DEVICES	21	16	0
HITIDE				HIGH TIDE LIMIT	3	80	2		HITIDE	HTL	02 COURSES/WETLANDS	2	121	2
HIWTR				MEAN HIGH WATER MARK	3	80	2		HIWTR	MHW	02 COURSES/WETLANDS	2	122	2
HLCBOT				HIGHWAY LINE CURVE DATA	44	100	1	HLCBOT			43 ROW LINES	44	19	1
HLCTOP				HIGHWAY LINE CURVE DATA	44	100	1	HLCTOP			43 ROW LINES	44	19	1
HWYBIN				BND INT NON ACCESS HWY LINE	44	100	1		HWY2		43 ROW LINES	43	16	3
HWYBNA				BND NON ACCESS HWY LINE	44	100	1		HWY2		43 ROW LINES	43	17	6
HWYBUA				BND UNLIM ACCESS HWY LINE	44	100	1		HWY4		43 ROW LINES	43	18	6
HWYLOC				LOCATION SURVEY HWY LINE	44	100	0		HWY2		43 ROW LINES	43	16	2
INDEXC				INDEX CONTOUR	51	100	1		0		51 CONTOUR LINES	51	9	1
INTERC				INTERMEDIATE CONTOUR	52	100	0		0		51 CONTOUR LINES	52	7	0
INWETA				WETLANDS LIMITS (APPROX)	3	80	0		INWETA		02 COURSES/WETLANDS	2	117	0
INWETF	317	WF		WETLANDS (FIELD LOCATION)	3	80	0		INWETF		02 COURSES/WETLANDS	2	118	1
IP	321	IP		IRON PIN/PIPE (FOUND)	44	80	0	IP			43 MONUMENTATION	43	226	1
IPNF				IRON PIN/PIPE (NOT FOUND)	44	80	0	IPNF			43 MONUMENTATION	43	225	1
LAWN	500	EL		EDGE OF LAWN	34	80	0		3		33 TREES/VEGETATION	33	82	0

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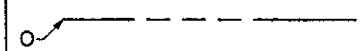
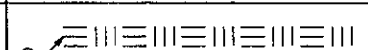
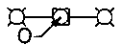
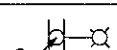
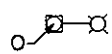
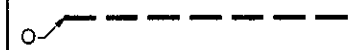
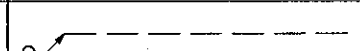
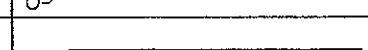
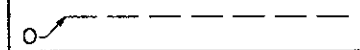
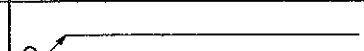
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
LEASE				LEASE LINE	44	100	1		HWY3		43 ROW LINES	43	31	V
LEDGE	221	LO		LEDGE OUTCROP	36	80	0		LEDGE		35 STONES/ROCK	35	208	0
LGTDBL	351	DLT		DOUBLE LUMINAIRE	20	80	0	LGTDBL			19 ILLUMINATION	19	52	0
LGTFLD	721	FLT		FLOOD LIGHT	20	80	0	LGTFLD			19 ILLUMINATION	19	48	0
LGTGEN	257	L		GENERAL PURPOSE LAMP	20	80	0	LGTGEN			19 ILLUMINATION	19	49	0
LGTPAR	510	PLT		LUMINAIRE ON PARAPET	20	80	0	LGTPAR			19 ILLUMINATION	19	50	0
LGTRUN	255	RUN		RUNWAY LIGHT	20	80	0	LGTRUN			19 ILLUMINATION	19	53	0
LGTSIG	258	TCS		TRAFFIC CONTROL SIGNAL	22	80	0	LGTSIG			21 SIGNAL DEVICES	21	192	0
LGTSTD	408	STD		LUMINAIRE ON STANDARD	20	80	0	LGTSTD			19 ILLUMINATION	19	51	0
LGTTAX	256	TAX		AIRPORT TAXIWAY LIGHT	20	80	0	LGTTAX			19 ILLUMINATION	19	54	0
LIMIT				FIELD EDIT LIMIT	47	120	1		3		54 TINS/DTM	47	3	5
LOBIT	217	BLO		BITUMINOUS LEAKOFF	28	80	0		3		27 ROADWAY/LEAKOFFS	27	19	0
LOCLN				BOUNDARY CONTROL & LOC LINE	45	80	0		0		45 CONTROL	45	32	2
LOERTH	218	ELO		EARTH LEAKOFF	28	80	0		3		27 ROADWAY/LEAKOFFS	27	80	0
LOOP	144	LD		LOOP DETECTOR	22	80	0		0		21 SIGNAL DEVICES	21	17	0
LOTLN				LOT LINE	44	120	2		LOTLN		43 ROW LINES	43	160	1

V = VARIOUS

*TEXT: FONT = 1 (WORKING), UPPERCASE, WIDTH = HEIGHT, SIZE BASED ON LEROY.

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EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
LOTSY				LOT LINE (SAME OWNER) SYMBOL	44	120	1	LOTSY		Z	43 ROW LINES	43	161	1
LOWWTR				MEAN LOW WATER MARK	3	80	2		LOWWTR	MLW	02 COURSES/WETLANDS	2	123	2
MAILBX	306	MB		MAILBOX	36	80	0	MAILBX			35 MISC TOPO	35	224	0
MAILL	337	LMB		MAILBOX (LINEAR)	36	80	0		0		35 MISC TOPO	35	231	0
MASSPT				PHOTOGRAMMETRY MASS POINT	V	V	V	MASSPT			58 MASS PTS/SPOT SHOTS	58	12	4
MCE	820	MCE		MCE > 48IN	6	80	0		0		05 METAL ENDS	5	128	0
MCECEL	821	MCEC		MCE > 48IN CELL	6	80	0	MECEL			05 METAL ENDS	5	128	0
MCEE	812	MEE		12IN MCE	6	80	0	ME12			05 METAL ENDS	5	131	0
MCEF	813	MEF		15IN MCE	6	80	0	ME15			05 METAL ENDS	5	132	0
MCEG	814	MEG		18IN MCE	6	80	0	ME18			05 METAL ENDS	5	133	0
MCEH	822	MEH		21IN MCE	6	80	0	ME21			05 METAL ENDS	5	134	0
MCEI	815	MEI		24IN MCE	6	80	0	ME24			05 METAL ENDS	5	135	0
MCEK	816	MEK		30IN MCE	6	80	0	ME30			05 METAL ENDS	5	136	0
MCEM	817	MEM		36IN MCE	6	80	0	ME36			05 METAL ENDS	5	137	0
MCEN	818	MEN		42IN MCE	6	80	0	ME42			05 METAL ENDS	5	129	0
MCEO	819	MEO		48IN MCE	6	80	0	ME48			05 METAL ENDS	5	130	0

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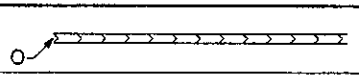
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
MEDBAR	107	JER		CONC MEDIAN BARRIER	26	80	0		MEDBAR		25 BARRIERS/GUIDE RAILS/POSTS	25	226	0
METERE	362	EMT		ELECTRIC METER	11	80	0	METERE			11 ELECTRIC	11	19	0
METERG	361	GMT		GAS METER	12	80	0	METERG			12 NATURAL GAS	12	51	0
METERP	353	PMT		PARKING METER	36	80	0	METERP			35 MISC TOPO	35	225	0
METERW	354	WMT		WATER METER	13	80	0	METERW			13 WATER UTILITIES	13	146	0
MHELE	429	EMH		ELECTRIC MANHOLE	11	80	0	MHELE			11 ELECTRIC	11	17	0
MHGEN	359	MH		GENERIC MANHOLE	15	80	0	MHGEN			14 OVERHEAD UTILITIES/POLES	14	230	0
MHSAN	613	SWR		SANITARY MANHOLE	9	80	0	MHSAN			08 SEWER	8	80	0
MHSTR	612	SMH		STORM MANHOLE	6	80	0	MHSTR			05 CATCH BASINS/MANHOLES	5	115	0
MHTEL	614	TMH		TELEPHONE MANHOLE	10	80	0	MHTEL			10 COMMUNICATIONS	10	32	0
MM				MATCH MARK	1	120	1		0		01 BORDERS/BLOCKS	1	30	4
MON	319	MON		CONCRETE MONUMENT	44	80	0	MON			43 MONUMENTATION	43	224	0
MS	327	MS		MERESTONE (FOUND)	44	80	0	MS			43 MONUMENTATION	43	210	1
MSNF				MERESTONE (NOT FOUND)	44	80	0	MSNF			43 MONUMENTATION	43	211	1
MTLPO	336	MPST	CPST	METAL /CONC POST	20	80	0	MTLPO			19 SIGNS/POSTS/POLES	19	226	0
NOTEPM				SAMPLE PROPERTY EASEMENT	44	80	1	NOTEPM		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	10	0

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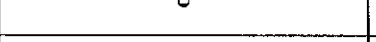
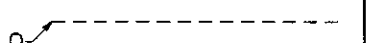
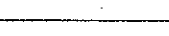
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
NOTERT				RELEASE OF RIGHTS	1	80	1	NOTERT		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	241	1
NOTERW				SAMPLE ROW EASEMENT	44	80	1	NOTERW		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	10	0
OBJMKR	370	OM		OBJECT MARKER	20	80	0	OBJMKR		○	19 SIGNS/POSTS/POLES	19	101	0
OG	901	OG		ORIGINAL GROUND	56	80	0		2		56 EARTH BREAKLINES	56	5	0
OR	911	OR		ORIGINAL ROCK	56	80	0		2		56 ROCK BREAKLINES	56	5	0
ORES	914	ORES		ORIGINAL ROCK TOE SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	5	0
ORPS	913	ORPS		ORIGINAL ROCK TOP SLOPE	56	80	0		2		56 ROCK BREAKLINES	56	1	0
OVRHNG	205	OV		OVERHANG	40	80	0		3		39 BUILDINGS	39	192	0
PAR1				TAKE SERIAL BUBBLE	46	80	1	PAR1			46 PARCEL INFO	46	176	1
PAR2				TAKE SERIAL /PARCEL BUBBLE	46	80	1	PAR2			46 PARCEL INFO	46	176	1
PAR3				RELEASE SERIAL BUBBLE	46	80	1	PAR3			46 PARCEL INFO	46	177	1
PAR4				RELEASE SERIAL /PARCEL BUBBLE	46	80	1	PAR4			46 PARCEL INFO	46	177	1
PAR5				TAKE SERIAL BUBBLE LONG	46	80	1	PAR5			46 PARCEL INFO	46	176	1
PAR6				RELEASE SERIAL BUBBLE LONG	46	80	1	PAR6			46 PARCEL INFO	46	177	1
PAR7				TAKE SER /PAR BUBBLE LONG	46	80	1	PAR7			46 PARCEL INFO	46	176	1
PAR8				RELEASE SER /PAR BUBBLE LONG	46	80	1	PAR8			46 PARCEL INFO	46	177	1

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PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
PARA	204	PAR		PARAPET	38	80	0		0		37 BRIDGES	37	160	0
PARLN				PARCEL LINE	46	80	1		12HFT		46 PARCEL INFO	46	178	1
PATIO	313	PAT		PATIO	40	80	0		0		39 BUILDINGS	39	224	0
PED	414	PED		PEDESTAL	22	80	0	PED			21 SIGNAL DEVICES	21	193	0
PEDWLK	423	PX	WLK	PEDESTRIAN X-WALK POLE /SIGNAL	22	80	0	PEDWLK			21 SIGNAL DEVICES	21	194	0
PIER	200	PR		PIER	38	80	0		0		37 BRIDGES	37	176	0
PILLAR	164	PLR		STONE PILLAR (AT END OF DRIVE)	36	80	0	PILLAR			35 MISC TOPO	35	232	0
PIPCI	158	CIP		CAST IRON PIPE	6	80	0		3		04 MISC PIPES	4	112	0
PIPCL	157	CLP		CLAY PIPE	6	80	0		3		04 MISC PIPES	4	113	0
PIPPVC	156	PP		PVC PIPE	6	80	0		3		04 MISC PIPES	4	114	0
PLSMIN				PLUS-MINUS SIGN	44	80	1	PLSMIN			43 ROW LINES	44	20	1
POL				POINT ON LINE	45	80	0	POL			45 CONTROL	45	48	0
POLCAN	365	CAN		TELEPHONE CAN ON POLE	10	80	0	POLCAN			10 COMMUNICATIONS	10	37	0
POSTAL	369	POB		US POSTAL BOX	36	80	0	POSTAL			35 MISC TOPO	35	33	0
PRELIM				PRELIM NOTE FOR TITLE BLOCK	1	V	V	PRELIM		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	1	V
PROCYL	355	CYL		HOUSEHOLD PROPANE CYLINDER	15	80	0	PROCYL			14 PROPANE/AC	14	51	0

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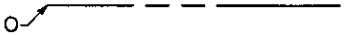
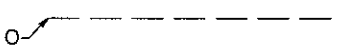
PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
PROPLN				PROPERTY LINE	44	120	2		HWY2		43 ROW LINES	43	181	1
PROPSY				PROPERTY LINE SYMBOL	44	120	1	PROPSY			43 ROW LINES	44	181	1
PROTNK	356	PTK		PROPANE TANK	15	80	0	PROTNK			14 PROPANE/AC	14	52	0
PVCCON	616	EPVC		ELECTRICAL PVC CONDUIT	22	80	0		3		21 SIGNAL DEVICES	21	18	0
PVCE	651	PPE	PCE	12IN PVC /CORR PIPE	6	80	0		3		04 PLASTIC PIPES	4	224	0
PVCF	652	PPF	PCF	15IN PVC /CORR PIPE	6	80	0		3		04 PLASTIC PIPES	4	225	0
PVCG	653	PPG	PCG	18IN PVC /CORR PIPE	6	80	0		PIPE18		04 PLASTIC PIPES	4	226	0
PVCH	654	PPH	PCH	21IN PVC /CORR PIPE	6	80	0		PIPE21		04 PLASTIC PIPES	4	227	0
PVCI	655	PPI	PCI	24IN PVC /CORR PIPE	6	80	0		PIPE24		04 PLASTIC PIPES	4	228	0
PVCK	656	PPK	PCK	30IN PVC /CORR PIPE	6	80	0		PIPE30		04 PLASTIC PIPES	4	229	0
PVCM	657	PPM	PCM	36IN PVC /CORR PIPE	6	80	0		PIPE36		04 PLASTIC PIPES	4	230	0
PVCN	658	PPN	PCN	42IN PVC /CORR PIPE	6	80	0		PIPE42		04 PLASTIC PIPES	4	231	0
PVCO	659	PPO	PCO	48IN PVC /CORR PIPE	6	80	0		PIPE48		04 PLASTIC PIPES	4	232	0
PVCP	660	PPP	PCP	54IN PVC /CORR PIPE	6	80	0		PIPE54		04 PLASTIC PIPES	4	233	0
PVCQ	661	PPQ	PCQ	60IN PVC /CORR PIPE	6	80	0		PIPE60		04 PLASTIC PIPES	4	234	0
PVMHOV	125	HOV		PVT MRK-HOV DIAMOND	24	80	0	PVMHOV			23 PAVEMENT MARKINGS	23	224	1

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PVMSB	134	SB		PVT MRK-STOP BAR	24	80	0		0		23 PAVEMENT MARKINGS	23	226	5
PVMWB	133	DW		PVT MRK-BROKEN LINE	24	80	0		PVMWB		23 PAVEMENT MARKINGS	23	227	2
PVMWS	132	W		PVT MRK-SOLID WHITE LINE	24	80	0		0		23 PAVEMENT MARKINGS	23	228	2
PVMYBS	131	DYY		PVT MRK-BRKN AND SOLID LINES	24	80	0		PVMBS		23 PAVEMENT MARKINGS	23	56	2
PVMYS	145	Y		PVT MRK-SOLID YELLOW LINE	24	80	0		0		23 PAVEMENT MARKINGS	23	55	2
PVMYSD	130	YY		PVT MRK-SOLID DBL LINE	24	80	0		PVMYSD		23 PAVEMENT MARKINGS	23	54	2
PWR	410	PWR		UNDERGROUND POWER LINE	11	80	0		PWR		11 ELECTRIC	11	18	0
PWRSY				UNDERGROUND POWER SYMBOL	11	80	0	PWRSY			11 ELECTRIC	11	18	0
RADIUS				RADIUS PT	46	V	V	RADIUS		*GRAPHIC NOT SHOWN*	45 CONTROL	46	11	1
RANDLN				RANDOM LINE	45	80	0		0		45 CONTROL	45	192	2
RANDNF				RANDOM MONUMENT (NOT FOUND)	45	80	0	RANDNF			45 CONTROL	45	49	1
RANDOM	320	RAN		RANDOM/CONTROL MONUMENT	45	80	0	RANDOM			45 CONTROL	45	50	1
RCE	810	RCE		RCCE > 48IN LINEAR	6	80	0		0		05 CONCRETE ENDS	5	144	0
RCECEL	811	RCEC		RCCE > 48IN CELL	6	80	0	CECEL			05 CONCRETE ENDS	5	144	0
RCEE	801	CEE		12IN RCCE	6	80	0	CE12			05 CONCRETE ENDS	5	147	0
RCEF	802	CEF		15IN RCCE	6	80	0	CE15			05 CONCRETE ENDS	5	148	0

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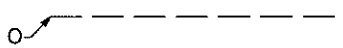
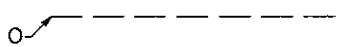
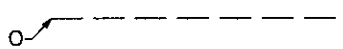
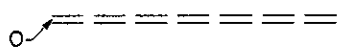
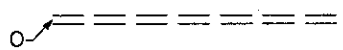
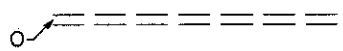
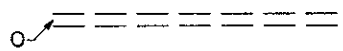
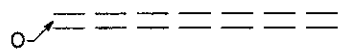
RCEG	803	CEG		18IN RCCE	6	80	0	CE18			05 CONCRETE ENDS	5	149	0
RCEGEN				GENERIC CULVERT END	6	80	0	CEGEN			05 MISC DRAINAGE	5	192	0
RCEH	804	CEH		21IN RCCE	6	80	0	CE21			05 CONCRETE ENDS	5	150	0
RCEI	805	CEI		24IN RCCE	6	80	0	CE24			05 CONCRETE ENDS	5	151	0
RCEK	806	CEK		30IN RCCE	6	80	0	CE30			05 CONCRETE ENDS	5	152	0
RCEM	807	CEM		36IN RCCE	6	80	0	CE36			05 CONCRETE ENDS	5	153	0
RCEN	808	CEN		42IN RCCE	6	80	0	CE42			05 CONCRETE ENDS	5	145	0
RCEO	809	CEO		48IN RCCE	6	80	0	CE48			05 CONCRETE ENDS	5	146	0
RCP	710	RCP		RCP > 48IN	6	80	0		3		04 CONCRETE PIPES	4	144	0
RCPE	701	CPE		12IN RCP	6	80	0		3		04 CONCRETE PIPES	4	147	0
RCPF	702	CPF		15IN RCP	6	80	0		3		04 CONCRETE PIPES	4	148	0
RCPG	703	CPG		18IN RCP	6	80	0		PIPE18		04 CONCRETE PIPES	4	149	0
RCPH	704	CPH		21IN RCP	6	80	0		PIPE21		04 CONCRETE PIPES	4	150	0
RCPI	705	CPI		24IN RCP	6	80	0		PIPE24		04 MISC PIPES	4	151	0
RCPK	706	CPK		30IN RCP	6	80	0		PIPE30		04 CONCRETE PIPES	4	152	0
RCPM	707	CPM		36IN RCP	6	80	0		PIPE36		04 CONCRETE PIPES	4	153	0

V = VARIOUS

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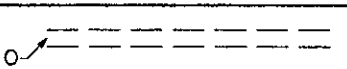
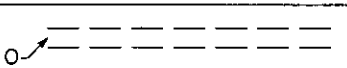
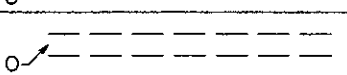
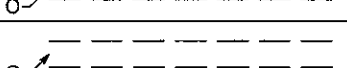
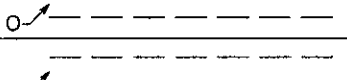
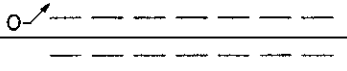
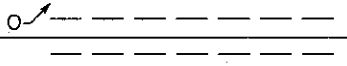
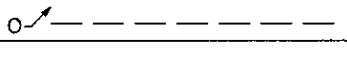
RCPN	708	CPN		42IN RCP	6	80	0		PIPE42		04 CONCRETE PIPES	4	145	0
RCPO	709	CPO		48IN RCP	6	80	0		PIPE48		04 CONCRETE PIPES	4	146	0
RCPP	741	CPP		54IN RCP	6	80	0		PIPE54		04 CONCRETE PIPES	4	154	0
RCPQ	742	CPQ		60IN RCP	6	80	0		PIPE60		04 CONCRETE PIPES	4	155	0
RCPR	743	CPR		66IN RCP	6	80	0		PIPE66		04 CONCRETE PIPES	4	156	0
RCPS	744	CPS		72IN RCP	6	80	0		PIPE72		04 CONCRETE PIPES	4	157	0
RCPT	745	CPT		78IN RCP	6	80	0		PIPE78		04 CONCRETE PIPES	4	158	0
RCPU	746	CPU		84IN RCP	6	80	0		PIPE84		04 CONCRETE PIPES	4	159	0
RECEQ	312	REC		RECREATION EQUIPMENT	36	80	0		0		35 MISC TOPO	35	209	0
REGPT	197	HV		REG. POINT DTM-HORIZ & VERT	46	80	0	REGPT			45 CONTROL	46	82	0
REGPTH	196	H		REG. POINT DTM-HORIZ	46	80	0	REGPTH			45 CONTROL	46	83	0
REGPTV	195	V		REG. POINT DTM-VERT	46	80	0	REGPTV			45 CONTROL	46	84	0
RELLN				RELEASE LINE	44	100	1		HWY4		43 ROW LINES	43	28	6
REVBOX				REVISION BOX	1	80	0	REVBOX		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
REVST1				1ST REVISION STAR	1	80	0	REVST1		★	01 NOTES/REVISIONS/LABELS	1	1	0
REVST2				2ND REVISION STAR	1	80	0	REVST2		☆	01 NOTES/REVISIONS/LABELS	1	1	0

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REVST3				3RD REVISION STAR	1	80	0	REVST3			01 NOTES/REVISIONS/LABELS	1	1	0
REVST4				4TH REVISION STAR	1	80	0	REVST4			01 NOTES/REVISIONS/LABELS	1	1	0
REVST5				5TH REVISION STAR	1	80	1	REVST5			01 NOTES/REVISIONS/LABELS	1	1	0
REVST6				6TH REVISION STAR	1	80	0	REVST6			01 NOTES/REVISIONS/LABELS	1	1	0
RIP2				ALTERNATE RIP RAP (CELL)	6	80	0	RIP2			05 MISC DRAINAGE	5	209	0
RIPRAP	416	RIP		RIPRAP (LINEAR)	6	80	0		RIPRAP		05 MISC DRAINAGE	5	208	0
ROCK	150	RK		ROCK/BOULDER	36	80	0	ROCK			35 STONES/ROCK	35	210	0
ROCKL	163	RL		ROCK/BOULDER (LINEAR)	36	80	0		ROCKL		35 STONES/ROCK	35	214	0
RRBRK	992	RRB		RAIL BREAKLINE (RAIL LOCATED)	16	80	0		0		16 RR TRACKS	16	65	0
RRCATD	242	CTD		RR CAT TOWER-DBL	18	80	0	RRCATD			17 RR UTILITIES	17	64	0
RRCATS	240	CTS		RR CAT TOWER-SINGLE	18	80	0	RRCATS			17 RR UTILITIES	17	64	0
RRCATX	241	CTX		RR CAT TOWER-TYPE X	18	80	0	RRCATX			17 RR UTILITIES	17	64	0
RRCNTR	261	RRCL		RR TRACKS (CENTER LOCATED)	16	80	0		RRCNTR		16 RR TRACKS	16	192	0
RRFGSY	243	FRG		RR FROG SYMBOL	18	80	0	RRFGSY			17 RR UTILITIES	17	65	0
RRFLLT	245	RFL		RR FLASHING LIGHT STRUCTURE	18	80	0	RRFLLT			17 RR UTILITIES	17	66	0
RRGATE	236	RXG		RR CROSSING GATE	18	80	0	RRGATE			17 RR UTILITIES	17	67	0

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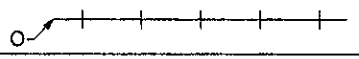
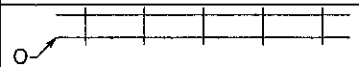
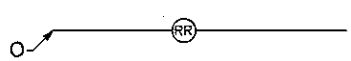
RRLINE				RR TRACKS (MAP FEATURE)	16	80	0		RRLINE		16 RR TRACKS	16	64	0
RRLT	247	RLT		RR LIGHT	18	80	0	RRLT			17 RR UTILITIES	17	68	0
RRLTDW	248	RDW		RR DWARF LIGHT	18	80	0	RRLTDW			17 RR UTILITIES	17	69	0
RRSUP	250	RSP		RR SUPPORT POLE	18	80	0	RRSUP			17 RR UTILITIES	17	70	0
RRSWBX	246	RSB		RR SWITCH BOX	18	80	0	RRSWBX			17 RR UTILITIES	17	71	0
RRSWSY	244	RSW		RR SWITCH SYMBOL	18	80	0	RRSWSY			17 RR UTILITIES	17	72	0
RRTRKS	112	RR		RR TRACKS (RAIL LOCATED)	16	80	0		RRTRKS		16 RR TRACKS	16	65	0
RRUG	260	RUG		UGROUND RR SIGNAL CABLES	18	80	0		RRUG		17 RR UTILITIES	17	73	0
RRUGSY				UGROUND RR SIGNAL CABLE SYMB	17	80	0	RRUGSY			17 RR UTILITIES	17	73	0
RRUPOH	249	RH		RR UTILITY POLE H	18	80	0	RRUPOH			17 RR UTILITIES	17	74	0
RRUPOO	553	RO		RR UTILITY POLE O	18	80	0	RRUPOO			17 RR UTILITIES	17	74	0
RRVAL				RR VALUATION MAP NO.	44	80	0	RRVAL		*GRAPHIC NOT SHOWN*	43 ROW LINES	44	64	0
RRXSY	124	RRX		RR X-ING PAVEMENT MARKING	24	80	0	RRXSY			23 PAVEMENT MARKINGS	23	224	1
RTSYI				INTERSTATE RTE SYMBOL	28	100	0	RTSYI			28 ROADWAY ANNOTATION	28	113	1
RTSYST				STATE ROAD MARKER SYMBOL	28	100	0	RTSYST			28 ROADWAY ANNOTATION	28	114	1
RTSYUS				US ROUTE SYMBOL	28	100	0	RTSYUS			28 ROADWAY ANNOTATION	28	115	1

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RUINS	316	RU		STRUCTURAL RUINS	40	80	0		WALLRE		39 BUILDINGS	39	64	0
RUMBLE	147	RS		RUMBLE STRIPS	28	80	0		1		27 ROADWAY/LEAKOFFS	27	16	0
RX	912	RX		ROCK EXCAVATION	56	80	0		2		56 ROCK BREAKLINES	56	5	0
SANDIB	431	SIB		SAND INERTIA BARRIER	26	80	0	SANDIB			25 BARRIERS/GUIDE RAILS/POSTS	25	209	0
SANSEW	610	SSP		SANITARY SEWER PIPE	9	80	0		3		08 SEWER	8	81	0
SDISH	292	DSH		SATELLITE DISH	15	80	0	SDISH			14 OVERHEAD UTILITIES/POLES	14	32	0
SGNDF	222	DF		SIGN-DBL FACE	20	80	0	SGNDF			19 SIGNS/POSTS/POLES	19	97	0
SGNDP	323	DP		SIGN-DOUBLE POST	20	80	0	SGNDP			19 SIGNS/POSTS/POLES	19	98	0
SGNLS	298	LS		SIGN (LINEAR)	20	80	0		0		19 SIGNS/POSTS/POLES	19	102	0
SGNPO	303	SP		SIGN POST	20	80	0	SGNPO			19 SIGNS/POSTS/POLES	19	99	0
SGNSP	304	SN		SIGN-SINGLE POST	20	80	0	SGN			19 SIGNS/POSTS/POLES	19	96	0
SGNST	229	STS		STREET SIGN ON POLE	20	80	0	SGNST			19 SIGNS/POSTS/POLES	19	100	0
SHADE				SHADING FOR TAKE/RELEASE ETC.	V	V	V		SHADE		01 NOTES/REVISIONS/LABELS	1	V	V
SHRUB	503	S		SHRUB	34	80	0	SHRUB			33 TREES/VEGETATION	33	83	0
SHRUBR	507	SR		SHRUB ROW	34	80	0		SHRUBR		33 TREES/VEGETATION	33	87	0
SILLEL	170	SIL		BUILDING SILL ELEVATION	40	80	0	SILLEL			39 BUILDINGS	39	162	0

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SPAN	506	SPN		SPAN POLE	22	80	0	SPAN			21 SIGNAL DEVICES	21	195	0
SPILE	315	STK		STOCKPILE	36	80	0		3		35 STONES/ROCK	35	211	0
SPOT	515	SS		SPOT SHOT (ELEVATION ONLY)	V	V	V	SPOT			58 MASS PTS/SPOT SHOTS	59	10	4
SPOTEL				SPOT ELEVATION (CONTOUR MAPS)	53	80	1	SPOTEL			51 CONTOUR LINES	53	8	0
SPRINK	152	SH		SPRINKLER HEAD	13	80	0	SPRINK			13 WATER UTILITIES	13	130	0
STALN				STATE LINE	44	140	1		TOWN		43 ROW LINES	43	111	9
STE	916	STE		GROUND AT STRUCTURE	56	80	0		2		56 STRUCTURE BREAKLINES	56	5	0
STEPC	110	CS		CONC STEPS	30	80	0		0		29 WALKS/STEPS/DECKS	29	225	0
STEPW	111	WS		WOOD STEPS	30	80	0		0		29 WALKS/STEPS/DECKS	29	209	0
STLN				STREET LINE	44	140	0		HWY2		43 ROW LINES	43	112	1
STLNSY				STREET LINE SYMBOL	44	80	0	STLNSY			43 ROW LINES	44	112	1
STONES	151	POS		PILE OF STONES	36	80	0	STONES			35 STONES/ROCK	35	212	0
STP	915	STP		TOP STRUCTURE	56	80	0		2		56 STRUCTURE BREAKLINES	56	1	0
STREAM	118	ES		EDGE STREAM /WATER COURSE	3	80	0		STREAM		02 COURSES/WETLANDS	2	119	0
STRSEW	149	STR		STORM SEWER < 12IN	6	80	0		3		04 MISC PIPES	4	115	0
SUMP	230	SMP		SUMP ELEVATION	7	80	0	SUMP			05 CATCH BASINS/MANHOLES	7	80	2

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SWAMP	120	SW		SWAMP SYMBOL	3	80	0	SWAMP			02 COURSES/WETLANDS	2	120	0
SWPOIN	216	IG		IN GROUND SWIMMING POOL	40	80	0		0		39 BUILDINGS	39	112	0
SWPOOL	121	AG		SWIMMING POOL (ABOVE GROUND)	40	80	0		0		39 BUILDINGS	39	113	0
SWRE				12IN SEWER PIPE	9	80	0		3		08 SEWER	8	87	0
SWRF				15IN SEWER PIPE	9	80	0		3		08 SEWER	8	86	0
SWRG				18IN SEWER PIPE	9	80	0		PIPE18		08 SEWER	8	84	0
SWRH				21IN SEWER PIPE	9	80	0		PIPE21		08 SEWER	8	83	0
SWRI				24IN SEWER PIPE	9	80	0		PIPE24		08 SEWER	8	85	0
SWRK				30IN SEWER PIPE	9	80	0		PIPE30		08 SEWER	8	88	0
SWRM				36IN SEWER PIPE	9	80	0		PIPE36		08 SEWER	8	89	0
SWRN				42IN SEWER PIPE	9	80	0		PIPE42		08 SEWER	8	90	0
SWRO				48IN SEWER PIPE	9	80	0		PIPE48		08 SEWER	8	82	0
TAKELN				TAKING LINE	44	100	1		HWY4		43 ROW LINES	43	29	6
TCBOX	413	TCB		TRAFFIC CONTROL BOX	22	80	0	TCBOX			21 SIGNAL DEVICES	21	196	0
TEL	412	TEL		UNDERGROUND TELEPHONE	10	80	0		TEL		10 COMMUNICATIONS	10	33	0
TELBOX	363	TB		TELEPHONE BOX /DOME	10	80	0	TELBOX			10 COMMUNICATIONS	10	35	0

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TELEPH	426	TBH		TELEPHONE BOOTH	15	80	0	TELEPH			14 OVERHEAD UTILITIES/POLES	14	32	0
TELPAY	424	PAY		PAY PHONE	15	80	0	TELPAY			14 OVERHEAD UTILITIES/POLES	14	33	0
TELSY				UNDERGROUND TELEPHONE SYMB	10	80	0	TELSY			10 COMMUNICATIONS	10	33	0
TERM				LINE TERMINATOR	1	80	0	TERM			01 NOTES/REVISIONS/LABELS	1	160	0
TIEBOX				CONTROL TIE BOX	45	80	0	TIEBOX		*GRAPHIC NOT SHOWN*	45 CONTROL	45	51	0
TIEDWN	290	TD		AIRPLANE TIE DOWN	36	80	0	TIEDWN			35 MISC TOPO	35	228	0
TINBND				OUTER TIN BOUNDARY	V	V	V		0		54 TINS/DTM	55	2	1
TINLN				TIN (TRIANGULATION)	V	V	V		0		54 TINS/DTM	57	5	0
TOC	905	TC		TOP OF CURB	56	80	0		0		56 ROAD BREAKLINES	56	1	0
TREEDC	501	DT		DECIDUOUS TREE	34	80	0	TREEDC			33 TREES/VEGETATION	33	84	0
TREELN	504	TL		TREE LINE	34	80	0		TREELN		33 TREES/VEGETATION	33	85	0
TREEVR	502	CT		CONIFEROUS TREE	34	80	0	TREEVR			33 TREES/VEGETATION	33	86	0
TRTWR	411	TWR		TRANSMISSION TOWER	15	80	0	TRTWR			14 OVERHEAD UTILITIES/POLES	14	34	0
TTLGRN				GROUND/PLANIMETRIC NOTES	1	100	V	TTLGRN		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V
TTLLOC				LOCATION SURVEY TITLE BLOCK	1	V	V	TTLLOC		*GRAPHIC NOT SHOWN*	01 BORDERS/BLOCKS	1	V	V
TTLPHO				PHOTO/TOPOGRAPHIC NOTES	1	100	V	TTLPHO		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V

V = VARIOUS

*TEXT: FONT = 1 (WORKING), UPPERCASE, WIDTH = HEIGHT, SIZE BASED ON LEROY.

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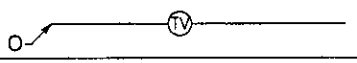
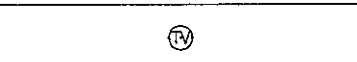
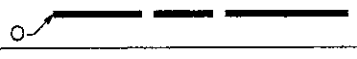
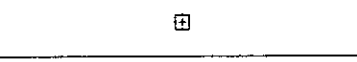
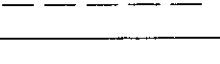
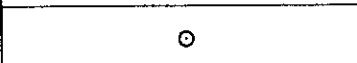
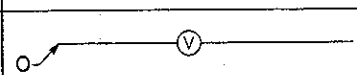
EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT * SIZE	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
TTLRR				RAILROAD NOTES	1	100	1	TTLRR		*GRAPHIC NOT SHOWN*	01 NOTES/REVISIONS/LABELS	1	V	V
TV	417	TV		UNDERGROUND CABLE TV	10	80	0		TV		10 COMMUNICATIONS	10	34	0
TVBOX	364	CB		CABLE TV BOX /DOME	10	80	0	TVBOX			10 COMMUNICATIONS	10	36	0
TVSY				UNDERGROUND CABLE TV SYMBOL	10	80	0	TVSY			10 COMMUNICATIONS	10	34	0
TWNLN				TOWN LINE	44	140	1		TOWN		43 ROW LINES	43	114	9
TWNMON	162	TM		TOWN MONUMENT	44	80	0	TWNMON			43 MONUMENTATION	43	160	0
UDRAIN	625	UD		UNDERDRAIN	6	80	0		3		04 MISC PIPES	4	116	0
UNDERC	314	UC		UNDER CONSTRUCTION	36	80	0		3		35 MISC TOPO	35	229	2
UPO	406	U		UTILITY POLE	15	80	0	UPO			14 OVERHEAD UTILITIES/POLES	14	18	0
UPOLT	407	UL		UTILITY POLE W/LIGHT	15	80	0	UPOLT			14 OVERHEAD UTILITIES/POLES	14	19	0
UPOS	425	SUP		SUPPORT POLE	15	80	0	UPOS			14 OVERHEAD UTILITIES/POLES	14	20	2
UTOH	428	OH		OVERHEAD UTILITY WIRES	15	80	0		UTOH		14 OVERHEAD UTILITIES/POLES	14	23	0
UTOHSY				OVERHEAD UTILITY SYMBOL	15	80	0	UTOHSY			14 OVERHEAD UTILITIES/POLES	14	21	0
VOID				INSIDE VOID REGION	54	120	1		0		54 TINS/DTM	54	12	1
WALLBK	223	BKWL		BRICK WALL	32	80	0		WALLBK		31 WALLS	31	16	0
WALLCR	224	CRW		POURED CONC RET WALL	32	80	0		WALLRE		31 WALLS	31	229	0

V = VARIOUS

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EXISTING HIGHWAY FEATURE SPECIFICATIONS PROVIDED BY CT DOT CENTRAL SURVEYS

SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
WALLEN	419	EWL	HWL	ENDWALL	6	80	0		0		05 MISC DRAINAGE	5	225	0
WALLNB	350	NB		NOISE BARRIER WALL	32	80	0		WALLNB		31 WALLS	31	213	0
WALLRE	420	RWL		RETAINING WALL	32	80	0		WALLRE		31 WALLS	31	208	0
WALLSF	358	SWF		STONE WALL FACE	32	80	0		WALLS2		31 WALLS	31	228	0
WALLST	220	SWL	REM	STONE WALL /REMAINS	32	80	0		WALLST		31 WALLS	31	225	0
WALLTR	225	TRW		TIMBER RET WALL	32	80	0		WALLRE		31 WALLS	31	212	0
WALLWG	421	WW		WINGWALL	32	80	0		0		31 WALLS	31	112	0
WDPST	301	WP		WOOD POST	20	80	0	WDPST			19 SIGNS/POSTS/POLES	19	210	0
WELL	307	WL		WELL	3	80	0	WELL			02 COURSES/WETLANDS	2	128	0
WELLM	397	MW		MONITOR WELL	36	80	0	WELLM			35 GAS STATIONS	35	129	0
WLKBC	108	BW		BITUMINOUS WALK	30	80	0		3		29 WALKS/STEPS/DECKS	29	20	0
WLKBK	100	BKW		BRICK WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	21	0
WLKBLU	368	BSW		BLUESTONE WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	112	0
WLKC	109	CW		CONCRETE WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	226	0
WLKG	214	GW		GRAVEL WALK	30	80	0		0		29 WALKS/STEPS/DECKS	29	32	0
WLKRMP	141	RMP		SIDEWALK RAMP	30	80	0	WLKRMP			29 WALKS/STEPS/DECKS	29	226	0

V=VARIOUS

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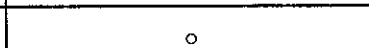
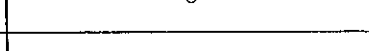
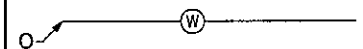
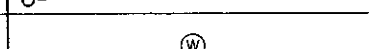
SEPTEMBER 2003

PREF NAME	CODE #	ALPHA CODE	ALPHA2 CODE	DESCRIPTION	TEXT LEVEL	TEXT SIZE *	TEXT WEIGHT	CELL NAME	LINE STYLE	GRAPHIC**	CATEGORY	LEVEL	COLOR	WEIGHT
WTRGT	401	WG		WATER GATE	13	80	0	WTRGT			13 WATER UTILITIES	13	144	0
WTRM	402	WM		WATER MAIN	13	80	0		WTRM		13 WATER UTILITIES	13	145	0
WTRMSY				WATER MAIN SYMBOL	13	80	0	WTRMSY			13 WATER UTILITIES	13	145	0
XWALK	146	XW		CROSS WALK STRIPING	24	80	0		XWALK		23 PAVEMENT MARKINGS	23	229	0

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