EST 1808
CITY OF
DELAWARE
OHIO

INFRASTRUCTURE DESIGN MANUAL

APPENDIX D
STANDARD LAYERS FOR DXF FILES

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Appendix D: Standard Layers for DXF files

GIS Template Standard Layers				
Layer #	**Layer Name**	**Line Type**	**Color**	**Layer Description**
0	0		white	
1	BRIDGES-MAJOR	Line Segment	yellow	Bridges with spans over 25-ft
2	BRIDGES-MINOR	Line Segment	yellow	Bridges with spans under 25-ft
3				
4	ESMT-TEXT	Text	cyan	Type of Easement (Utility, Transportation, Drainage, Etc.)
5	ESMT-UTIL	Closed Polyline	cyan	Easement for Utilities, Wildlife, Transportation, Drainage, Etc
6				
7	HYDRO-DITCH-CL	Polyline	151-Blue	Ditch or Swale Centerline
8	HYDRO-FLOODPLAIN	Closed Polyline	151-Blue	Flood Plane Boundary
9	HYDRO-FLOODWAY	Polyline	151-Blue	Flood Way
10	HYDRO-LIN1	Polyline	151-Blue	Linear Hydrogaphy, Creeks/Streams
11	HYDRO-NAM1	Text	151-Blue	Hydrographic Feature Name
12	HYDRO-POL1	Closed Polyline	151-Blue	Polygonal Hydrogaphy, Lakes/Ponds Water Surface
13	HYDRO-WETLAND	Closed Polyline	151-Blue	Wetlands
14				
15				
16	PAR-BLDG1	Closed Polyline	cyan	Building / Structure Outline or Footprint
17	PAR-COMAREA1	Closed Polyline	cyan	Public areas such as street islands/community entrances
18	PAR-LOT-DIM	Text	cyan	Bearings, Distances, Acreage, and x/y of POB
19	PAR-LOT-NUM1	Text	cyan	Proposed Lot Number
20	PAR-PARCEL1	Closed Polyline	cyan	Parcel / Lot Boundaries
21	PAR-PARKINGLOT	Closed Polyline	yellow	Parking Lots
22	PAR-SETBK-BLD	Polyline	cyan	Building Setback Line
23	PAR-SETBK-BUFF	Closed Polyline	cyan	Buffers (riparian setback, vegetation buffers, etc)
24	PAR-SETBK-PRK		cyan	Parking Setback Line
25	PAR-SUBD-BDY	Text	cyan	Subdivision Boundary
26	PAR-SUBDIV1	Closed Polyline	cyan	Subdivision Boundaries
27	PAR-SUB-NAM1	Text	cyan	Subdivision Name
28	PAR-TREES	Point	cyan	Existing or Added Trees

Layer #	Layer Name	Line Type	Color	Layer Description
29				
30	RAIL	Polyline	cyan	Railroads
31	RAIL-NAM1	Text	cyan	Railroad name
32				
33				
34	RDWY-BIKEPATH	Polyline	yellow	Multipurpose Recreational Trails
35	RDWY-CL1	Polyline	yellow	Street/Road centerlines (paved and unpaved)
36	RDWY-CURB	Polyline	yellow	Curb and gutter
37	RDWY-EDGEPAV1	Closed Polyline	yellow	Edge of Pavement
38	RDWY-NAME1	Text	yellow	Street Name
39	RDWY-NAME2	Text	yellow	Road Number (Federal, State, County highways, Etc.)
40	RDWY-PAVTYP1	Text	yellow	Annotation describing pavement type (Concrete, Asphalt, Gavel, etc.)
41	RDWY-SIDEWLK1	Line Segment	yellow	Sidewalks (including ramps, if any)
42				
43				
44	ROW1	Closed Polyline	cyan	Rights of way delineating private/public land boundary
45				
46	SAS-LFST	Point	green	Sanitary Sewer Lift Stations
47	SAS-LINE	Line Segment	green	Sanitary Sewer Lines
48	SAS-STRUCTURE	Point	green	Sanitary Sewer Manholes and Cleanouts
49	SAS-TEXT	Text	green	Annotation describing Sanitary Network
50				
51	STM-LINE	Line Segment	13	Storm Sewer Line, Culverts, Etc
52	STM-STRUCTURE	Point	13	Storm Sewer Structure (Manhole, Curb Inlet, Catch Basin, Etc.)
53	STM-TEXT	Text	13	Annotation describing storm drainage network
54				
55	SURVEY-GCP1	Point	magenta	Ground control points (existing, surveyed, or GPS'd)
56				
57	TOPO-CTOUR1	Polyline	white	Un-broken Contour Lines(*design/as-built)
58	TOPO-CTOUR2	Polyline	white	Index Contour Lines (every 5-ft)
59	TOPO-TEXT	Text	white	Contour Elevation Label
60				
61	TRAFFIC-BOX	Point	magenta	Traffic Signal Boxes / Ped Heads
62	TRAFFIC-COND	Polyline	magenta	Traffic Signal Conduits for control boxes, cameras, etc

Layer #	Layer Name	Line Type	Color	Layer Description
63	TRAFFIC-LOOP	Closed Polyline	magenta	Loop Detectors
64	TRAFFIC-POLE	Point	magenta	Traffic Signal Poles
65				
66				
67	UTLY-CTV	Line Segment	30-Orange	Cable TV
68	UTLY-ELECTR	Line Segment	red	Electrical Lines
69	UTLY-FIBER1	Line Segment	30-Orange	Fiber Optic Datacom Conduits and Lines
70	UTLY-FIBER-STR	Line Segment	30-Orange	Fiber Optic Datacom Pull Boxes
71	UTLY-GAS	Line Segment	yellow	Natural Gas Line
72	UTLY-POLE1	Point	cyan	Lamp poles, Power Poles, Etc
73	UTLY-TELCO	Line Segment	30-Orange	Phone Lines
74				
75				
76	WTR-FH	Point	blue	Fire Hydrants
77	WTR-LINE	Line Segment	blue	Water Lines
78	WTR-NODE	Point	blue	Valves and Junction Boxes
79	WTR-TEXT	Text	blue	Annotation describing Water Distribution Network
80				