

INSTRUCTIONS FOR USING MSD SUPPLIED GIS FILES IN AutoCAD DRAWING FILE (dwg) FORMAT

All LOJIC data have the following projection characteristics:

Projection: Kentucky State Plane North Zone: 3976 Datum: NAD83 Units: Feet Spheroid: GRS1980

You are being supplied with data from MSD/LOJIC. The .dwg file contains all exported LOJIC layers combined together into a single file that can be used directly with AutoCAD Release 2004 and later.

The data in the .dwg file has a line type scale set to 1. Change everything to BYLAYER.

You are being supplied with the msd2003.shx and the renlayer.lsp files.

- 1) The msd2003.shx file contains the shape definitions used by the complex linetypes and **must** be in the ACAD font directory or in the environment support path. **If you are using Release 14 or newer**, copy the complex linestyle shape definition file (msd2003.shx) to the AutoCAD fonts directory, or better yet, a directory on your AutoCAD support environment search path (SET ACAD=...). This file is necessary so that complex linetypes can be used instead of multiple entities as in prior versions. This allows entities, such as fence lines, to be symbolized as a single entity as opposed to multiple lines with an "X" block spaced periodically.
- 2) The "renlayer.lsp" routine will rename the default layer names from ARC/INFO into more recognizable names. To use the routine type use the LOAD command at the AutoCAD Command: prompt. To execute the routine, type in **renlayer**. To change the layer names back to the default values, simply execute the routine again.

HELPFUL HINTS

If the total area is broken into sections, it is advised that you create a drawing for each area. Later you may combine them by using the insert command in AutoCAD with the "*" option and inserting them at coordinate 0,0 with no rotation.

If you have any questions or problems with the use of this .dwg file, contact Ken Bailey at the LOJIC at (502) 540-6150.

Layer Symbolology for LOJIC Layers

Layer Name	Description	Rename Layer Name	Block Name	Color	Color Name	Pen Weight	Ltype
Airport - AP							
AP01	Paved Runways	L-PVMT-AP-RUNWAY		253	gray	0.25	Continuous
AP02	Paved Taxiways	L-PVMT-AP-TAXWAY		253	gray	0.25	Continuous
AP03	Unpaved Landing Strip	L-PVMT-AP-UNPAVE		253	gray	0.25	Hidden2
Building - BG							
BG01	Primary Building	L-BLDG-PRIMARY		253	gray	0.25	Continuous
BG02	Secondary Building (Garage/Outbuilding)	L-BLDG-SECOND		253	gray	0.25	Hidden
BG03	Silo	L-BLDG-SILO		253	gray	0.25	Continuous
BG04	Courtyard	L-BLDG-COURTYARD		253	gray	0.25	Continuous
Contour - CN							
CN01	Intermediate	L-CONT-MNR		13	brown	0.25	Contour2
CN02	Intermediate Depression	L-CONT-MNR-DPR		13	brown	0.25	DEPCONT
CN03	Obscured Intermediate	L-CONT-MNR-OBSC		13	brown	0.25	Contour2
CN04	Obscured Intermediate Depression	L-CONT-MNR-OBSC-DPR		13	brown	0.25	DEPCONT
CN05	Intermediate Segment Through Structure	L-CONT-MNR-BLDG		13	brown	0.25	Contour2
CN06	Intermediate Depression Through Structure	L-CONT-MNR-BLDG-DPR		13	brown	0.25	DEPCONT
CN07	Index	L-CONT-MJR		15	dark brown	0.50	Contour2
CN08	Index Through Structure	L-CONT-MJR-BLDG		15	dark brown	0.50	Contour2
CN09	Index Depression	L-CONT-MJR-DPR		15	dark brown	0.50	Contour2
CN10	Index Depression Through Structure	L-CONT-MJR-BLDG-DPR		15	dark brown	0.50	Contour2
CN11	Obscured Index	L-CONT-MJR-OBSC		15	dark brown	0.50	Contour2
CN12	Obscured Index Depression	L-CONT-MJR-DPR		15	dark brown	0.50	DEPCONT
CN_ANNO_ELEV	Contour Elevation Annotation	L-CONT-TX0					
Hydrographic Feature - HL							
HL01	Lake, Pond, Reservoir	L-POND-LAKE		150	blue	0.35	STREAM
HL02	Ohio River	L-OHIO-RIVER		150	blue	0.35	STREAM
HL03	Double-Lined River, Stream	L-CREEK		150	blue	0.35	STREAM
HL04	Wet Area (Swamp, Marsh, etc.)	L-SWAMP		150	blue	0.35	STREAM
HL05	Single-Lined River, Stream, Creek	L-DITCH		150	blue	0.35	STREAM
HL06	Island	L-TOPO-ISLAND		150	blue	0.35	STREAM
HL_ANNO	Hydrological feature annotation	L-POND-TX0					
Miscellaneous Structure - MS							
MS01	Deck, Porch, Patio, Canopy	L-BLDG-PORCH		253	gray	0.25	Continuous
MS02	Loading Dock	L-PVMT-LOADING		253	gray	0.25	Continuous
MS03	Fence (Delineating Property Boundary)	L-FENCE		253	gray	0.25	FENCE
MS04	Wall, Retaining Wall	L-TOPO-WALL		253	gray	0.25	WALL (Parallel Lines)
MS05	Dock, Pier, Port	L-TOPO-DOCK		253	gray	0.25	Continuous
Miscellaneous Transportation - MT							
MT01	Paved Parking Area	L-PVMT-PARKING		253	gray	0.25	Continuous
MT02	Unpaved Parking Area	L-PVMT-PARKING-UNPAVED		253	gray	0.25	Hidden2
MT03	Paved Driveway	L-DRIVE		253	gray	0.25	Continuous
MT04	Unpaved Driveway	L-DRIVE-UNPAVED		253	gray	0.25	Hidden2
MT05	Pedestrian Area (except backyard walks)	L-WALK		253	gray	0.25	Continuous

MT06	Helipad	L-PVMT-HELIPAD		253	gray	0.25	Continuous
MT07	Pedway	L-WALK-PEDWAY		253	gray	0.25	Continuous
MT08	Pedestrian Bridge	L-PVMT-BRIDGE-FOOT		253	gray	0.25	Continuous
Railroad - RR							
RR01	Active Railroad	L-RR		253	gray	0.25	RR
RR02	Active Railroad Yard/Spur	L-RR-YARD		253	gray	0.25	RR2
RR03	Abandoned Railroad	L-RR-ABANDONED		253	gray	0.25	RR-DASH
RR04	Abandoned Railroad Yard/Spur	L-RR-YARD-ABANDONED		253	gray	0.25	RR-DASH
RR05	Railroad Bridge	L-RR-BRIDGE		253	gray	0.25	Continuous
RR_ANNO	General railroad annotation	L-RR-TX0					
RR_YARD	Railyard annotation	L-RR-YARD-TX0					
RR_300	1:300 Railroad Annotation	L-RR-TX-300					
Road - RD							
RD01	Paved Road	L-PVMT		253	gray	0.25	Continuous
RD02	Unpaved Road	L-PVMT-UNPAVED		253	gray	0.25	Hidden2
RD03	Paved Alley	L-PVMT-ALLEY		253	gray	0.25	Continuous
RD04	Unpaved Alley	L-PVMT-ALLEY-UNPAVED		253	gray	0.25	Hidden2
RD05	Improved Shoulder (Paved & Gravel)	L-PVMT-SHOULDER		253	gray	0.25	Continuous
RD06	Vehicle Bridge	L-PVMT-BRIDGE-VEHICLE		253	gray	0.25	Continuous
RD097	Median	L-PVMT-MEDIAN		253	gray	0.25	Continuous
Recreation Line - RL (Includes Otter Creek)							
RL01	Tennis/Recreation Court	L-TOPO-REC-TENNIS		253	gray	0.25	Continuous
RL02	Sports Track	L-TOPO-REC-TRACK		253	gray	0.25	Continuous
RL03	Baseball/Softball Field	L-TOPO-BASEBALL		253	gray	0.25	Continuous
RL04	Football/Soccer/Recreation Field	L-TOPO-REC-FOOTBALL		253	gray	0.25	Continuous
RL05	Playground	L-TOPO-REC-PLAYGROUND		253	gray	0.25	Continuous
RL06	Pavilion, Bleacher, Batting Cage	L-TOPO-REC-PAVILN-BLCHER		253	gray	0.25	Continuous
RL07	In-Ground Swimming Pool	L-TOPO-REC-POOL-IG		253	gray	0.25	Continuous
RL08	Above-Ground Swimming Pool	L-TOPO-REC-POOL-AG		253	gray	0.25	Continuous
RL09	Golf Course Green, Sand Trap, Tee Area	L-TOPO-REC-GOLF		253	gray	0.25	Continuous
Spot Height - SH							
SH01	Spot Height	L-SPOT	spot	13	brown	0.25	Continuous
SH02	Water Level	L-SPOT-WATER	wspot	150	blue	0.35	Continuous
SH_ANNO_ELEV	Elevation Annotation	L-SPOT-TX0					
Utility Point - UP							
UP01	Transmission Pole	L-U-ELEC-TRANSMISSION	trampoline	253	gray	0.25	Continuous
UP02	Antenna	L-U-ELEC-ANTENNA	antenna	253	gray	0.25	Continuous
Vegetation Line - VL							
VL01	Tree Area	L-VEG-TREELINE		90	green	0.25	TREELINE
\$MSDDATA Layers							
sewer	Sewer	L-SAN		240	red	0.25	Continuous
sewernd	Sewer Node	L-SAN-MH	sewernd	240	red	0.25	Continuous
sewer_anno_nodeid	Node ID annotation	L-SAN-MH-TX0					
sewer_anno_dia_type	Pipe diameter annotation	L-SAN-DIA-TX0					
sewer_anno_asbuilt	AsBuilt annotation	L-SAN-ASBUILT-TX0					
\$LOJICDATA Layers							
Addsite	Address Sites	L-BLDG-TX0		7	white	0.35	Continuous
streetcl	Street Centerline	L-PVMT-CL		253	gray	0.25	Continuous
streetcl_anno_mapbook	Street name mapbook annotation	L-PVMT-MAPBOOK-TX0					
streetcl_anno_mj100	Street name 1:100 annotation	L-PVMT-TX-100					
streetcl_anno_mj250	Street name 1:250 annotation	L-PVMT-TX-250					
streetcl_anno_mj400	Street name 1:400 annotation	L-PVMT-TX-400					
streetcl_anno_streetcl	Street name full annotation	L-PVMT-TX0					
zoning	Zoning	L-ZONING		220	magenta	0.50	Hidden
zoning_anno_name	Zoning name annotation	L-ZONING-NAME-TX0					
zoning_anno_type	Zoning type annotation	L-ZONING-TYPE-TX0					
zoning_anno_code	Zoning code annotation	L-ZONING-CODE-TX0					
PROPERTY Layers							
Parcel							
PA	Parcel Lines	L-PL		30	orange	0.25	Continuous
PA_ANNO_PLATTED_DIMS	Parcel platted dimensions annotation	L-PL-PLAT-DIM-TX0					
PA_ANNO_DEEDED_ACREAGE	Parcel deeded acreage annotation	L-PL-DEED-ACR-TX0					
PA_ANNO_CONDO_NUMBER	Parcel condo number annotation	L-PL-CONDO-TX0					
PA_ANNO_TAX_PARC_NUM	Tax parcel number annotation	L-PL-PARCELID-TX0					
PA_ANNO_SECONDARY_PARC_NUM	Secondary parcel number annotation	L-PL-PARCELID2-TX0					
PA_ANNO_PLATTED_PARC_NUM	Platted parcel number annotation	L-PL-PLAT-PARCELID-TX0					
PA_ANNO_SUBLOT_NUM	Parcel subplot number annotation	L-PL-SUBLOT-TX0					
PA_ANNO_BLOCK_NUM	Parcel block number annotation	L-PL-BLOCK-TX0					
PA_ANNO_HISTORIC_BLOCK_NUM	Historic block number annotation	L-PL-HIST-BLOCK-TX0					
PA_ANNO_SUBDIV_BLOCK_ID	Subdivision block ID number annotation	L-PL-SUB-BLOCKID-TX0					
PA_ANNO_ROW_MEASUREMENT	Right-of-way measurement annotation	L-RW-DIM-TX0					
PA_ANNO_STREET_NAMES	Street name annotation	L-RW-TX0					
PA_ANNO_ALLEY_ROW_NOTATION	Alley right-of-way notation annotation	L-RW-ALLEY-TX0					
PA_ANNO_SUB_NUM_SEC_NUM_BK_PG	Subdiv, sect, deed book and pg num anno	L-PL-SUB-SEC-BKPG-TX0					
PA_ANNO_MUNICIPALITY_NAME	Municipality name annotation	L-PL--MUNICIPALITY-TX0					
PA_ANNO_MISC_TEXT	Miscellaneous annotation	L-PL-MISC-TX0					
PA_ANNO_UNKNOWN_GRAPHICS_TEXT	Unknown annotation	L-PL-UNKNOWN-GRAPHICS-TX0					
FIRM Layers PER MSD-FIRM drawn as single cyan or blue line. No distinction between layer types							
FIRM	FEMA Floodplain	L-FLOOD		150	blue	0.35	Continuous
Hydro							

HYDRO260	Cross Section	L-HYDRO-XSEC	130		cyan	0.35	0.35	Continuous
HYDRO261	Base Flood Elevations	L-HYDRO-BASE-FLOOD	130		cyan	0.35	0.35	BFEELEV
HYDRO406	Dam	L-HYDRO-DAM	131		cyan	0.50	0.50	Continuous
HYDRO418	Culvert	L-STM-CULVERT	130		cyan	0.35	0.35	Continuous
HYDRO435	Levee	L-HYDRO-LEVEE	130		cyan	0.35	0.35	WALL, FLOODDASH
HYDRO435W	Used to draw Mline properly for Levee L-HYDRO-LEVEE-MLINE							
Flood(need AAT not PAT)								
FLD152	Zone A (100 yr; no detailed study)	L-FLOOD-A	150		blue	0.35	0.35	Continuous
FLD153	Zone AE (100 yr; detailed study)	L-FLOOD-AE	150		blue	0.35	0.35	Continuous
FLD160	Zone X (500 yr)	L-FLOOD-X	150		blue	0.35	0.35	Continuous
FLD161	Zone X (outside 500 yr)	L-FLOOD-X-OUTSIDE	150		blue	0.35	0.35	Continuous
	Floodway		132		dark cyan	0.35	0.35	Hidden